



**e<sup>®</sup>SISTEMAS**  
VISUAL COMMUNICATION SOLUTIONS  
MULTIMEDIA PRODUCTS



NEC Display Solutions

# Product Overview

# Product Overview

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NEC brings together and integrates technology and expertise to create the ICT-enabled society of tomorrow.



## PERFORMANCE YOU CAN TRUST

NEC stands for product quality and design perfection with a reputation for reliability and an enviable pan-European support infrastructure to back it up. Installing an NEC display means you can trust in our equipment and our company culture.

Designed for long term operation, NEC displays and projectors incorporate innovative designs, high quality panels and components and go through demanding quality assurance levels; displays ready for the most demanding mission critical applications, out of the box.

Today NEC boasts a comprehensive range of Desktop Displays, Large Format Displays and Projectors, with a model for almost any application from the largest venues or public places to offices and smaller classrooms. NEC is one of the world's largest IT Companies, with the display division operating 14 local sales and support offices across Europe, Middle East and Africa.



# DESKTOP DISPLAYS



With a comprehensive range of Display Solutions on the market, NEC has a desktop display for almost any requirement. From mission critical, such as Finance, Medical or Publishing to ecological or commercial applications and all are backed by our three year manufacturer warranty.

**3**  
YEARS  
WARRANTY

UP TO  
**5**  
YEARS  
OPTIONAL  
WARRANTY



For more detailed information please visit:  
[www.nec-display-solutions.com](http://www.nec-display-solutions.com)

## COMMERCIAL ENTRY LEVEL

**AS Series** Ideal for entry-level, corporate and demanding consumers.

## COMMERCIAL ENTERPRISE

**E Series** Perfectly suited for standard Corporate or Government office applications.

**EA Series** Performance-oriented, ideal for Corporate and SMB users.

## PROFESSIONAL

**P Series** Ideal for professional design, CAD-CAM, finance, demanding office and industrial applications.

**PA Series** The 'Reference' professional desktop monitor for creative professionals, semi-medical, precision engineering and demanding corporate office applications.

## COLOUR

**SV Series** Perfect for the creative professional requiring colour critical performance.

## MEDICAL

**MD Series** DICOM prioritised displays. Primary diagnostics and meeting MDD-CE regulations with complete QA conformance.

## AS | COMMERCIAL ENTRY LEVEL

### COMMERCIAL ENTRY DISPLAYS

Entry level displays for cost-conscious users offering outstanding value for money and an attractive lifestyle design

#### AS SERIES

22" to 24" W



## E | EA | COMMERCIAL ENTERPRISE



### COMMERCIAL ENTERPRISE DISPLAYS

Performance-oriented displays ideal for corporate and SMB users. Advanced ergonomics and leading image quality and improved connectivity. These products have all the credentials today that will be demanded tomorrow.

#### E SERIES

17" to 24" W

#### EA SERIES

19" to 30" W

## P | PA | PROFESSIONAL REFERENCE

### PROFESSIONAL DESKTOP DISPLAYS

Ideal for creative professionals, photographers and engineers and their demanding precision applications. Superb performance and 10-bit P-IPS image quality with a wide range of innovative features and upgraded connectivity, all packed into a new ergonomically designed housing.

#### P SERIES

21" to 24" W

#### PA SERIES

24" to 32" W



## AS | COMMERCIAL ENTRY LEVEL

## EA | COMMERCIAL ENTERPRISE

	AS222WM	AS242W
Order Code	60003496 (BK)	60003810 (BK)
Panel Technology	TN / W-LED	W-LED TN TFT
Screen Size [inch / cm]	21.5 / 54.62	24 / 60.97
Aspect Ratio	16:9	16:9
Brightness (typ.) [cd/m <sup>2</sup> ]	250	250
Contrast (typ.)	1000:1	1000:1
Viewing Angle Hor / Vert [°]	170 / 160	170 / 160
Response Time (typ. G to G) [ms]	5	5
Colours [Mio.]	16.77	16.7
Resolution at 60 Hz	1920 x 1080	1920 x 1080
Connectors	DVI-D, VGA	DVI-D, VGA
Power Use Max / ECO [W]	27 / 13	24 / 13
Power Saving Mode [W]	0.35	0.35
Internal Power Supply	●	●
Height Adjustable Stand [mm]	-	-
Other Ergonomics	Tilt	Tilt
Bezel Width T - B / L - R [mm]	15.8 / 14.7	19.0 / 19.0
Dimensions with stand (W x H x D)	507.4 x 364.7 x 205.1	571.4 x 400.9 x 211.2
Weight with stand [kg]	4.1	tbd
TCO	6.0	6.0
NaViSet	●	●

	EA193Mi	EA223WM	EA224WMI	EA234WMI
Order Code	60003586 (BK) 60003585 (WH)	60003294 (BK) 60003293 (WH)	60003336 (BK) 60003337 (WH)	60003588 (BK) 60003587 (WH)
Panel Technology	IPS / W-LED	TN / W-LED	IPS / W-LED	IPS / W-LED
Screen Size [inch / cm]	19.0 / 48.2	22.0 / 55.9	21.5 / 54.62	23.0 / 58.42
Aspect Ratio	5:4	16:10	16:9	16:9
Brightness (typ.) [cd/m <sup>2</sup> ]	250	250	250	250
Contrast (typ.)	1000:1	1000:1	1000:1	1000:1
Viewing Angle Hor / Vert [°]	178 / 178	170 / 160	178 / 178	178 / 178
Response Time (typ. G to G) [ms]	6	5	6	6
Colours [Mio.]	16.77	16.77	16.77	16.77
Resolution at 60 Hz	1280 x 1024	1680 x 1050	1920 x 1080	1920 x 1080
Connectors	DisplayPort, DVI-D, VGA	DisplayPort, DVI-D, USB, VGA	DisplayPort, DVI-D, USB, HDMI, VGA	DVI-D, HDMI, USB, DisplayPort, VGA
Power Use Max / ECO [W]	18 / 10	25 / 12	26 / 15	27 / 16
Power Saving Mode [W]	0.35	0.4	0.43	0.41
Internal Power Supply	●	●	●	●
Height Adjustable Stand [mm]	110	130	130	130
Other Ergonomics	Tilt, Swivel, Rotate	Tilt, Swivel, Rotate	Tilt, Swivel, Rotate	Tilt, Swivel, Rotate
Bezel Width T - B / L - R [mm]	16.5 / 14.9	15.8 / 13.9	15.8 / 14.7	16.4 / 16.0
Dimensions with stand (W x H x D)	408.0 x 386.4 x 213.9	503.5 x 384.0 x 218.0	507.4 x 370.2 x 218.0	543.8 x 380.4 x 218.0
Weight with stand [kg]	5.9	5.6	6.0	6.4
TCO	6.0	5.2	6.0	6.0
NaViSet	●	●	●	●

## E | COMMERCIAL ENTERPRISE

	E171M	E203Wi*	E223W	E224Wi	E231W	E233WM*	E232WMT	E243WMI	
Order Code	60003582 (BK) 60003581 (WH)	60003804 (BK) 60003805 (WH)	60003334 (BK) 60003335 (WH)	60003584 (BK) 60003583 (WH)	60002932 (BK) 60002933 (WH)	60003806 (BK) 60003807 (WH)	60003680 (BK)	60003681 (BK) 60003682 (WH)	
Panel Technology	TN / W-LED	IPS with W-LED	TN / W-LED	IPS with W-LED	TN / W-LED	TN / W-LED	IPS with W-LED	IPS with W-LED	
Screen Size [inch / cm]	17.0 / 43.3	20.0 / 50.0	22.0 / 55.9	21.5 / 54.6	23.0 / 58.42	23.0 / 58.42	23.0 / 58.4	23.8 / 60.47	
Aspect Ratio	5:4	16:9	16:10	16:9	16:9	16:9	16:9	16:9	
Brightness (typ.) [cd/m <sup>2</sup> ]	250	250	250	250	250	250	250	250	
Contrast (typ.)	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1	
Viewing Angle Hor / Vert [°]	170 / 160	178 / 178	170 / 160	178 / 178	170 / 160	170 / 160	170 / 170	178 / 178	
Response Time (typ. G to G) [ms]	5	6	5	6	5	5	5	6	
Colours [Mio.]	16.7	16.77	16.77	16.77	16.77	16.77	16.77	16.77	
Resolution at 60 Hz	1280 x 1024	1600 x 900	1680 x 1,050	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	
Connectors	DVI-D, VGA	DisplayPort, DVI-D, VGA	DisplayPort, DVI-D, VGA	DisplayPort, DVI-D, VGA	DisplayPort, DVI-D, VGA	DisplayPort, DVI-D, VGA	HDMI, DVI-D, VGA	DisplayPort, DVI-D, VGA	
Power Use Max / ECO [W]	19 / 9	17 / 11	24 / 12	25 / 16	28 / 16	24 / 19	52 / 20	26 / 13	
Power Saving Mode [W]	0.15	0.35	0.35	0.4	0.34	0.35	0.8	0.4	
Internal Power Supply	●	●	●	●	●	●	●	●	
Height Adjustable Stand [mm]	50	110	110	110	110	110	54	110	
Other Ergonomics	Tilt	Tilt, Swivel, Rotate					Tilt, Swivel, Flat, 10-Point Touch, Webcam		Tilt, Swivel, Rotate
Bezel Width T - B / L - R [mm]	17.5 / 14.2	17.6 / 15.2	15.8 / 13.9	15.8 / 14.7	19.2 / 21.1	16.8 / 16.4	-	16.8 / 14.7	
Dimensions with stand (W x H x D)	368 x 358.5 x 230	477.0 x 359.3 x 213.9	503.5 x 383.3 x 213.9	507.8 x 364.5 x 213.9	550.1 x 381.8 x 213.9	550.1 x 381.8 x 213.9	561 x 362.8 x 249.7	557.8 x 379.6 x 213.9	
Weight with stand [kg]	4.2	5.4	4.9	5.9	6.2	5.7	7.6	6.3	
TCO	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	

\* Specification subject to change until launch

EA244Wmi	EA244UHD	EA273Wmi	EA274Wmi	EA275Wmi*	EA275UHD	EA294Wmi	EA304Wmi	EA305Wmi*
60003414 (BK) 60003409 (WH)	60003683 (BK) 60003684 (WH)	60003608 (BK) 60003607 (WH)	60003493 (BK) 60003492 (WH)	60003338 (BK) 60003339 (WH)	60003865 (BK) 60003867 (WH)	60003417 (BK) 60003415 (WH)	60003494 (BK) 60003495 (WH)	60003819 (BK) 60003820 (WH)
IPS / W-LED	IPS / W-LED	IPS / W-LED	IPS / W-LED	IPS / W-LED	IPS	IPS / W-LED	IPS / W-LED	IPS / W-LED
24.1 / 61.13	23.8 / 60.5	27.0 / 68.6	27.0 / 68.57	27.0 / 68.57	27.0 / 68.57	29.0 / 73.2	29.8 / 75.7	30 / 76.2
16:10	16:9	16:9	16:9	16:9	16:9	21:9	16:10	16:10
350	350	250	350	350	350	300	350	350
1000:1	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1
178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178
6	5	6	6	6	5	6	6	6
16.77	1073	16.77	16.77	16.77	1064	16.77	1.074	16.77
1920 x 1200	3840 x 2160	1920 x 1080	2560 x 1080	2560 x 1440	3840 x 2160	2560 x 1080	2560 x 1600	2560 x 1600
DVI-D, HDMI (with HDCP), USB, DisplayPort, VGA	2x DVI-D(Single Link with HDCP); 2x DisplayPort; 2x HDMI, USB 3.0	DVI-D, HDMI (with HDCP), USB, DisplayPort, VGA	DVI-D, HDMI (with HDCP), USB, DisplayPort, VGA	DVI-D, HDMI (with HDCP), USB, DisplayPort, VGA	DVI-D, HDMI (with HDCP), 4 x USB, DisplayPort	2 x DVI-D, HDMI/MHL, USB, DisplayPort, 2 x VGA	2 x DVI-D, HDMI/MHL, USB, DisplayPort, DVI-I	2 x DVI-D, HDMI/MHL, USB, DisplayPort, VGA
29 / 16	79 / 41	31 / 16	57 / 35	57 / 35	49 / 28	50 / 28	83 / 48	107 / 28
0.47	0.33	0.48	0.80	0.5	0.37	0.8	< 0.5	0.5
•	•	•	•	•	•	•	•	•
130	130	130	130	130	130	130	130	130
Tilt, Swivel, Rotate	Tilt, Swivel, Rotate	Tilt, Swivel, Rotate	Tilt, Swivel, Rotate	Tilt, Swivel, Rotate	Tilt, Swivel, Rotate	Tilt, Swivel, Rotate	Tilt, Swivel, Rotate	Tilt, Swivel, Rotate
16.8 / 17.9	18.1 / 14.8	19.6 / 19.6	19.6 / 19.6	19.6 / 19.6	18.1 / 14.8	18.0 / 15.5	18.0 / 15.5	18.0 / 15.5
556.2 x 408.9 x 230	558.2 x 386.7 x 218.0	639.3 x 417.9 x 230	639.3 x 417.9 x 230	639.3 x 417.9 x 230	639.2 x 417.9 x 230.0	705.8 x 410.4 x 230	705.8 x 410.4 x 230	705.8 x 410.4 x 230
7.5	7	8.7	8.7	8.7	9.1	9.6	11	10.9
6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
•	•	•	•	•	•	•	•	•

\* Specification subject to change until launch

## P | PA | PROFESSIONAL REFERENCE

	P212	P232W	P242W	PA242W-SV2	PA272W-SV2	PA302W-SV2	PA322UHD-SV2
Order Code	60003862 (BK)	60003324 (BK) 60003323 (WH)	60003419 (BK) 60003418 (WH)	60003948 (BK) 60003947 (WH)	60003949 (BK)	60003950 (BK)	60003685 (BK)
Panel Technology	IPS	IPS / LED	IPS / LED	AH-IPS / GB-R LED Backlight			IPS Type
Screen Size [inch / cm]	21 / 53.34	23.0 / 58.4	24.1 / 61.1	24.1 / 61.1	27.0 / 68.5	29.8 / 75.6	31.5 / 80
Aspect Ratio	16:9	16:9	16:10	16:10	16:9	16:10	16:9
Colour Gamut AdobeRGB / NTSC [%]	75	76 / 72	75 / 72	109 / 99	109 / 99	109 / 99	101 / 99
Brightness (typ.) [cd/m <sup>2</sup> ]	440	250	350	340	340	340	350
Contrast (typ.)	1500:1	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1
Viewing Angle Hor / Vert [°]	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	176 / 176
Response Time (typ. G to G) [ms]	8	8	8	8	7	7	10
Colours [Mio.]	16.77	16.77	16.77	1073	1073	1073	1074
Resolution at 60 Hz	1600 x 1200	1920 x 1080	1920 x 1200	1920 x 1200	2560 x 1440	2560 x 1600	3840 x 2160
Connectors	DisplayPort, DVI-D, 3 x USB, VGA, HDMI (with HDCP)	DisplayPort, DVI-D, USB, VGA, HDMI (with HDCP)	DisplayPort, DVI-D, USB, VGA, HDMI (with HDCP)	DisplayPort, DVI-D, USB, VGA, HDMI (with HDCP)	DisplayPort, Mini Display-Port, DVI-D, USB, HDMI (with HDCP)	DisplayPort, Mini Display-Port, DVI-D, USB, HDMI (with HDCP)	OPS FF, 2 x DisplayPort, 2 x DVI-D, 4 x HDMI, USB ver. 3.0 (3 down / 2 up)
Power Use Max / ECO [W]	57	29 / 18	30 / 17	56 / 28	73 / 37	87 / 47	95 / 48
Power Saving Mode [W]	0.5	1	1	2	1.4	1.4	5
Internal Power Supply	•	•	•	•	•	•	•
Height Adjustable Stand [mm]	150	150	150	150	150	150	150
Other Ergonomics	Tilt, Swivel, Rotate	Tilt, Swivel, Rotate	Tilt, Swivel, Rotate	Tilt, Swivel, Rotate	Tilt, Swivel, Rotate	Tilt, Swivel, Rotate	Tilt, Swivel, Rotate
Bezel Width T - B / L - R [mm]	16.8 / 16.2	17.0 / 16.2	18.2 / 18.2	18.2 / 18.2	20.0 / 20.3	22.0 / 22.4	22.5 / 21.9
Dimensions with stand (W x H x D)	466.4 x 374.6 x 227.6	543.6 x 337.4 x 227.6	556.8 x 378.0 x 227.6	556.8 x 378.0 x 227.6	640.4 x 396.2 x 235.5	688.0 x 466.4 x 301.6	745 x 469 x 302
Weight with stand [kg]	8.0	9.2	10.2	10.6	12.9	17.0	20.5
TCO	-	5.2	6.0	6.0	-	-	-
NaViSet Administrator 2	•	•	•	•	•	•	•
MultiProfiler Software	•	•	•	•	•	•	•
SpectraView II	Optional	Optional	Optional	•	•	•	•

**MEDICAL DISPLAYS**

As one of the leading manufacturer of innovative medical displays NEC is your partner to deal with the challenges of hospital-wide digitalisation processes. Select from our medical portfolio - desktop displays, large format displays or DICOM simulation projectors in the knowledge that you have one point of support and the highest standards of cross-departmental integration to a common standard.

For more detailed information please visit:  
[www.medical.nec-display-solutions.com](http://www.medical.nec-display-solutions.com)

**MD SERIES MDview SERIES OR Large Format**

21" to 30" 23" to 27" 46"



**MD SERIES | DIAGNOSTIC DISPLAYS**

	<b>MD211G5</b>	<b>MD212G3</b>	<b>MD211G3</b>	<b>MD302C6</b>	<b>MD211C3</b>	<b>MD210C3</b>	<b>MD211C2</b>
Panel technology	IPS Grayscale LED Backlight	IPS TFT Colour with W-LED backlight	SA-SFT Grayscale	IPS TFT Colour with W-LED backlight	UA-SFT Colour LED Backlight		
Screen diagonal [inch/cm]	21.3 / 54.0	21.3 / 54.0	21.3 / 54.0	30 / 76.2	21.3 / 54.0	21.3 / 54	21.3 / 54.0
Native resolution [Megapixel]	5.0	3.0	3.0	6,7	3.0	3.0	2.0
Resolution (Portrait, Landscape)	2048 x 2560 (P)	1536 x 2048 (P)	1536 x 2048 (P)	3280 x 2048 (L)	1536 x 2048 (P)	1536 x 2048 (P)	1200 x 1600 (P)
Contrast ratio (typ.)	1200:1	1400:1	900:1	1000:1	1400:1	1400:1	1400:1
Viewing angle (H / V @ CR > 10:1)	176° / 176°	176° / 176°	176° / 176°	170° / 170°	176° / 176°	176° / 176°	176° / 176°
Luminance (Max)	1200 cd/m <sup>2</sup>	1700 cd/m <sup>2</sup>	1450 cd/m <sup>2</sup>	800 cd/m <sup>2</sup>	800 cd/m <sup>2</sup>	800 cd/m <sup>2</sup>	900 cd/m <sup>2</sup>
Grayscale reproduction [Bit-Depth]	10-bit	10-bit	10-bit	10-bit	10-bit	8-bit	8-bit
Programmable gamma correction	13.5-bit	15.5-bit	15.5-bit	16-bit	14-bit	14-bit	14-bit
Factory pre-set	500 cd/m <sup>2</sup> DICOM GSDF	400 cd/m <sup>2</sup> DICOM GSDF	400 cd/m <sup>2</sup> DICOM GSDF	400cd/m <sup>2</sup> DICOM GSDF	400 cd/m <sup>2</sup> DICOM GSDF	400 cd/m <sup>2</sup> DICOM GSDF	400 cd/m <sup>2</sup> DICOM GSDF
Signal inputs	1x DVI-D, 1x DisplayPort						
Power consumption (max.) [W]	80	50	105	114	85	85	80
Dimensions (W x H x D) [mm]	390 x 488 x 228 (Portrait)	380.3 x 474 x 227.6 (Portrait)	361x 483 x 227 (Portrait)	695.6 x 486.5 x 301.6 (Landscape)	393.6 x 473 x 235.5 (Portrait)	393.6 x 473 x 235.5 (Portrait)	393.6 x 473 x 235.5 (Portrait)
Warranty	3 years standard, optional 5 years						

**MD SERIES | DIAGNOSTIC DISPLAYS**

**OR DISPLAY MD VIEW SERIES | CLINICAL REVIEW DISPLAYS**

	<b>MD210C2</b>	<b>MD322C8</b>	<b>MD302C4</b>	<b>MD242C2</b>	<b>MD462OR</b>	<b>MDview232</b>	<b>MDview243</b>	<b>MDview272</b>
Panel technology	UA-SFT Colour LED Backlight	IPS Type TFT Colour with W-LED backlight	AH-IPS Colour LED backlight	IPS Colour LED Backlight	S-PVA Colour	IPS Colour LED Backlight	IPS Colour LED Backlight	AH-IPS Colour LED backlight
Screen diagonal [inch/cm]	21.3 / 54.0	31.5 / 80.1	29.8 / 75.6	24.1 / 61.1	46 / 116.8	23.0 / 50.9	24.1 / 61.1	27.0 / 68.5
Native resolution [Megapixel]	2.0	8.3	4.0	2.3	2.0	2.0	2.3	3.7
Resolution (Portrait, Landscape)	1200 x 1600 (P)	3840 x 2160 (L)	2560 x 1600 (L)	1920x 1200 (L)	1920 x 1080	1920 x 1080	1920 x 1200	2560 x 1440
Contrast ratio (typ.)	1400:1	1000:1	1000:1	1000:1	4000:1	1000:1	1000:1	1000:1
Viewing angle (H / V @ CR > 10:1)	176° / 176°	176° / 176°	178° / 178°	178° / 178°	178° / 178°	178° / 178°	178° / 178°	178° / 178°
Luminance (Max)	760 cd/m <sup>2</sup>	350cd/m <sup>2</sup>	350 cd/m <sup>2</sup>	350 cd/m <sup>2</sup>	700 cd/m <sup>2</sup>	250 cd/m <sup>2</sup>	350 cd/m <sup>2</sup>	340 cd/m <sup>2</sup>
Grayscale reproduction [Bit-Depth]	8-bit	10-bit	10-bit	10-bit	8-bit	8-bit	8-bit	10-bit
Programmable gamma correction	14-bit	14-bit	14-bit	14-bit	10-bit	14-bit	14-bit	14-bit
Factory pre-set	400 cd/m <sup>2</sup> DICOM GSDF	200cd/m <sup>2</sup> DICOM GSDF	180cd/m <sup>2</sup> DICOM GSDF	180cd/m <sup>2</sup> DICOM GSDF	550 cd/m <sup>2</sup> DICOM GSDF	170cd/m <sup>2</sup> DICOM GSDF	170 cd/m <sup>2</sup> DICOM GSDF	170 cd/m <sup>2</sup> DICOM GSDF
Signal inputs	1x DVI-D, 1x DisplayPort	2x DVI-D, 2x DisplayPort, 4x HDMI	1x DVI-D, 1x DisplayPort, 1x Mini-DisplayPort, 1x HDMI	1x DVI-D, 1x DisplayPort, 1x HDMI, 1x VGA	1x DVI-D, 1x DisplayPort, 1x HDMI, 1x VGA, 1x OPS	1x DVI-D, 1x DisplayPort, 1x HDMI, 1x VGA	1x DVI-D, 1x DisplayPort, 1x HDMI, 1x VGA	1x DVI-D, 1x DisplayPort, 1x Mini-DisplayPort, 1x HDMI
Power consumption (max.) [W]	80	95	87	30	120	29	30	50
Dimensions (W x H x D) [mm]	393.6 x 473 x 235.5 (Portrait)	744.8 x 468 x 301.6 (Landscape)	688 x 466 x 302 (Landscape)	557 x 378 x 228 (Landscape)	1153 x 820 x 180 (Landscape)	543 x 337 x 227 (Landscape)	556.8 x 378 x 227.6 (Landscape)	640.4 x 396 x 235.5 (Landscape)
Warranty	3 years standard, optional 5 years				3 years standard	3 years standard, optional 5 years		



COLOUR CRITICAL DISPLAYS *SpectraView®*

The perfect choice for creative professionals. SpectraView® LCDs with the latest AH-IPS panel technology are hand-picked to meet the highest standards for professional applications.

Brilliant picture quality for accurate colour reproduction, precise calibration options with SpectraView® Profiler 5.0 software, Picture in Picture, Integrated USB hub, Backlight Ageing Correction, Wide Colour Gamut, 3D LUT Colour Space Emulation, integrated gamma correction and optimum ergonomics thanks to 150 mm height adjustment.

For more detailed information please visit:  
[www.spectraview.nec-display-solutions.com](http://www.spectraview.nec-display-solutions.com)



**SV SERIES**  
 23" to 32" W



ALL SV REFERENCE DISPLAYS INCLUDE A HOOD, PERFECT PIXEL WARRANTY, 5 YEARS WARRANTY, UNIFORMITY CERTIFICATION AND WELCOME KIT

	SV232	SV Ref242	SV Ref272	SV Ref302	SV Ref322UHD
Order Code	60003161	60003543	60003545	60003547	60003686
Panel Technology	IPS / W-LED	AH-IPS / G-BR LED	AH-IPS / G-BR LED	AH-IPS / G-BR LED	IPS Type
Screen Size [inch / cm]	23.0 / 58.4	24.1 / 61.1	27.0 / 68.5	29.8 / 75.6	31.5 / 80
Aspect Ratio	16:9	16:10	16:9	16:10	16:9
Colour Gamut AdobeRGB / NTSC [%]	76 / 72	109 / 99	109 / 99	109 / 99	101 / 99
Brightness (typ.) [cd/m <sup>2</sup> ]	270	340	340	340	350
Contrast (typ.)	1000:1	1000:1	1000:1	1000:1	1000:1
Hardware Calibration / Look Up Table	42-bit Colour / 14-bit	42-bit Colour / 14-bit	42-bit Colour / 14-bit	42-bit Colour / 14-bit	42-bit Colour / 14-bit
Response Time (typ. G to G) [ms]	8	8	7	7	10
Colours [Mio.]	16.77	1073	1073	1073	1074
Resolution at 60 Hz	1920 x 1080	1920 x 1200	2560 x 1440	2560 x 1600	3840 x 2160
Connectors	DisplayPort, DVI-D, HDMI (with HDCP), VGA, USB		DisplayPort, Mini DisplayPort, DVI-D, USB, HDMI (with HDCP)		OPS FF, DisplayPort, Mini DisplayPort, DVI-D, USB, HDMI (with HDCP)
Power Use Normal / ECO [W]	29 / 18	56 / 28	73 / 37	87 / 47	95 / 48
Power Saving Mode [W]	1	2	1.4	1.4	5
Internal Power Supply	•	•	•	•	•
Height Adjustable Stand [mm]	150	150	150	150	150
Other Ergonomics	Tilt, Swivel, Rotate	Tilt, Swivel, Rotate	Tilt, Swivel, Rotate	Tilt, Swivel, Rotate	Tilt, Swivel, Rotate
Bezel Width T - B / L - R [mm]	17.0 / 16.2	18.2 / 18.2	20.0 / 20.3	22.0 / 22.4	21.9 / 22.5
Dimensions with stand (W x H x D)	543.6 x 338.0 x 227.6	556.8 x 378.0 x 227.6	640.4 x 396.2 x 235.5	688 x 466.4 x 301.6	745 x 469 x 302
Weight with stand [kg]	9.2	10.6	12.9	18.0	20.5
TCO	•	-	-	-	-
NaViSet Administrator 2	•	•	•	•	•
SpectraView Profiler Software	•	•	•	•	•

# LARGE FORMAT DISPLAYS



As a world leading name in Digital Signage, NEC displays are installed in some of the most challenging and highly visited locations and venues across the world. From 24/7 LED Backlit Displays for Performance Critical Applications to High Performance Value Ranges and Reference Options, NEC leads the market for Signage Solutions you can trust.

## ENTRY LEVEL

**E Series** Ideal for cost efficient retail signage, conferencing and corporate installations up to 12/7 operation time.

## VALUE

**V Series** Ideal for retail signage, conferencing applications and lobby or reception installations up to 24/7 operation time.

## PROFESSIONAL

**P Series** Designed for a wide array of applications such as retail signage including 24/7, transport applications, control room applications and conference rooms.

## SPECIALITY

**XUN Series** Ideal for videowall solution to fit virtually any application, up to 24/7 operation time.

**XS/XHB Series** Ideal for a wide array of applications including 24/7 installations and integration in totems and furniture.

**X UHD Series** Ideal for any heavy duty application from control rooms to CAD/CAM, from medical review to professional conferencing, from creative multimedia design to life size digital signage.

## PROTECTION GLASS

**V Series** Ideal solution for any cost efficient applications up to 16/7 operating hours.

**P Series** Designed for a wide array of applications including 24/7.

## MULTI-TOUCH DISPLAYS

**E SST Series** Ideal for interactive whiteboard applications in meeting rooms and class rooms.

**V TM Series** Ideal for 16/7 applications.

**P SST Series** Ideal for any kind of 24/7 interactive applications as well as for interactive whiteboard usage.



For more detailed information please visit:  
[www.nec-display-solutions.com](http://www.nec-display-solutions.com)

## E SERIES | ENTRY LEVEL

### UPGRADE TO DYNAMIC DIGITAL SIGNAGE

The E Series commercial-grade displays are designed to bring NEC's heritage of performance and quality to the most cost-conscious customers. With screen sizes from 32 to 65 inch, the smaller sized E Series models bring a comprehensive entry-level line-up of large format displays for each and every targeted application.

The larger sized display models are completely new to the E Series family, especially designed for the needs of corporate customers that rely on quality oriented solutions for their centers of productivity and collaboration.



### E SERIES

32" to 90"

## V SERIES | VALUE



### V SERIES

32" to 80"

### MAXIMUM MESSAGE. MINIMUM EXPENSE.

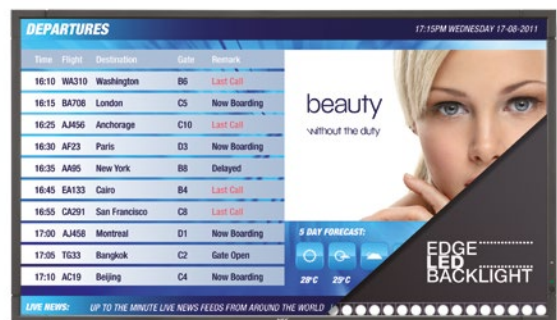
If you are looking to transform your restaurant, shop or business with the added presence and revenue that Digital Signage offers, the V Series by NEC provides professional performance you can trust at a surprisingly affordable price. Benefit from the extra attention and sales these outstanding Full HD displays can bring while operating over longer lifecycles.



## P SERIES | PROFESSIONAL 24/7 REFERENCE

### PROFESSIONAL LARGE FORMAT DISPLAYS

The MultiSync® P Series featuring provides a first class solution for digital signage and information distribution application. New Connectivity and Sensors allow additional creativity in the content displayed and how it is controlled. The unique built-in NFC sensor in combination with NEC's new Android app reduces installation and maintenance times, especially useful on larger installations. The Human Sensor is aware of proximity based viewer presence and can change brightness, volume, inputs or power the display up or down resulting in added engagement and considerable energy savings over time.



### P SERIES

40" to 80"

## XUN SERIES | SPECIALIST



No matter what the requirement, NEC has the right videowall solution to fit virtually any application. Adaptable, scalable and modular, NEC offers unlimited creativity in capturing attention, engaging and delivering a compelling videowall experience. Trusted NEC quality is the professional choice for display technology and can provide the complete videowall solution from preconfiguration and mounting solutions to content management and after sales support.

### XUN SERIES

46" and 55"

24/7  
CERTIFIED  
OPERATION

1080P  
FULLHD IMAGE

## UHD | SPECIALIST EXTREME

NEC is ushering in a new era of visual experience with the MultiSync® XUHD Series. Loaded with innovative features and high end components, the UHD models deliver a complete package for all kinds of demanding professional applications.

### XUHD SERIES

65" to 98"

24/7  
CERTIFIED  
OPERATION

4K UHD



## XS | SPECIALIST EXTREME



The superslim MultiSync® XS Series delivers the longevity and reliability customers expect from a Large Format Display thanks to a professional display panel and proven NEC engineering excellence. The reduced depth and light weight makes it easy to handle and integrate.

### XS SERIES

40" to 55"

24/7  
CERTIFIED  
OPERATION

1080P  
FULLHD IMAGE

## XHB | SPECIALIST EXTREME

The MultiSync® X474HB delivers what is needed in high brightness environments. It is designed to be installed in shopping windows or in cabinets for outdoor applications offering a brightness of 2000cd/m<sup>2</sup>.

### XHB SERIES

47"

24/7  
CERTIFIED  
OPERATION

1080P  
FULLHD IMAGE



## PROTECTIVE GLASS SERIES



**24/7**  
CERTIFIED  
OPERATION

**1080P**  
FULLHD IMAGE

The protection glass displays follow the tradition of NEC's professional large format displays. The high quality Conturan<sup>®</sup> glass of Schott ensures reduced reflection and high light transmission for an unrestricted view of display content.

The additional protective glass ensures maximum investment security, as it protects the display panel against knocks and blows.

### V SERIES

70" to 90"

### XS SERIES

40" to 80"

### UHD SERIES

42" to 80"

## MULTI-TOUCH SERIES

Based on the latest touch technology the displays deliver true multi-touch support with fast response times and a high level of accuracy. All NEC interactive displays are plug & play, without the need to install any external driver software.

Thanks to an anti-reflective coating, reflections are reduced to a minimum which significantly increases the readability of the content shown.

### E SERIES Touch

70" to 90"

**12/7**  
CERTIFIED  
OPERATION

### P SERIES Touch

40" to 80"

**24/7**  
CERTIFIED  
OPERATION

### V SERIES Touch

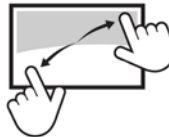
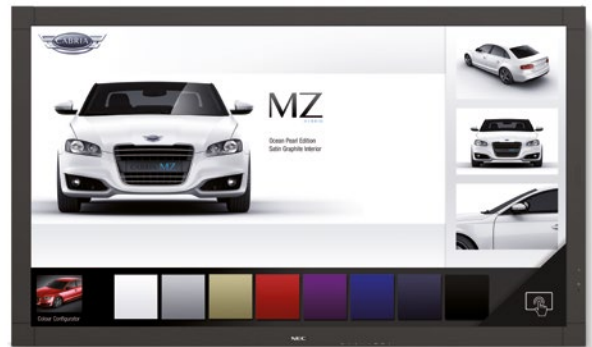
42" to 80"

**16/7**  
CERTIFIED  
OPERATION

### UHD SERIES Touch

65" to 98"

**24/7**  
CERTIFIED  
OPERATION



**1080P**  
FULLHD IMAGE

## LED MODULES



Indoor and outdoor LED videowall modules enable creative attention-grabbing walls of intensely bright images for the brightest environments and long distance viewing. Modular, light-weight, cost effective and designed for transportation hubs, sports venues, events and retail environments - LED promises a bright future.

### LED MODULES

4mm to 20mm

## E SERIES | ENTRY LEVEL COMMERCIAL

	<b>E325</b>	<b>E425</b>	<b>E505</b>	<b>E585</b>	<b>E654</b>	<b>E705</b>	<b>E805</b>	<b>E905</b>
Order Code	60003725	60003484	60003727	60003728	60003487	60003928	60003929	60003930
Panel Technology	S-PVA / Direct LED				VA / Direct LED	UV <sup>2</sup> A / Edge LED		
Screen Size [inch / cm]	31.5 / 82	42 / 107	50 / 127	58 / 147	65 / 165	70 / 177	80 / 203	90 / 229
Brightness (max.) [cd/m <sup>2</sup> ]	300	300	300	350	350	400	350	350
Contrast (typ.)	3.000:1	3.000:1	5.000:1	4000:1	4.000:1	4000:1	5000:1	5000:1
Viewing Angle horizontal / vertical [°]	176 / 176	176 / 176	176 / 176	176 / 176	176 / 176	178/178	178/178	178/178
Response Time (typ. G to G) [ms]	6.5	6.5	8.5	9.5	6.5	8	4	4
Haze Level (%)	2	2	1	1	2	5	5	5
Supported orientation	Landscape							
Native Resolution	1366 x 768	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Special Connectors	3 x HDMI (with HDCP), VGA, Component, Composite					2 x HDMI (with HDCP), 1 x DisplayPort (with HDCP), 1 x DVI-D (with HDCP), 1 x VGA		
Power Consumption [W]	36	67	85	136	195	150	230	270
Power Savings Mode [W]	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1
Dimensions (W x H x D) [mm]	727 x 424 x 77	960 x 555 x 77	1,123 x 646 x 77	1,301 x 759 x 109	1,467 x 872 x 100 (72)	1,587 x 920 x 87	1,836 x 1,061 x 87	2,058 x 1,184 x 123
Weight [kg]	4.9	10.1	11.9	21	30	47	61	81
Bezel Width B / T - L - R [mm]	16.1 / 11.9	14.9 / 11.9	14.9 / 11.9	20.3 / 13.8	47.7 / 18.9	23 / 23	29.7 / 29.7	29.7 / 29.7
Integrated Speakers	2 x 5 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W
NaViSet Administrator 2	-	-	-	-	-	•	•	•

## V SERIES | ENTRY LEVEL COMMERCIAL

	<b>V323-2</b>	<b>V423</b>	<b>V463</b>	<b>V552</b>	<b>V652</b>	<b>V801</b>	<b>V423-DRD</b>	<b>V463-DRD</b>	<b>V552-DRD</b>
Order Code	60003849	60003397	60003394	60003396	60003395	60003482	60003992	60003993	60003994
Panel Technology	S-IPS / Edge LED		AMVA3 / Edge LED			UV <sup>2</sup> A / Edge LED	S-IPS / Edge LED	AMVA3 / Edge LED	
Screen Size [inch / cm]	32 / 80	42 / 106.68	46 / 117	54.5 / 138.8	64.5 / 164	80 / 203.2	42 / 106.68	46 / 117	54.5 / 138.8
Brightness (max.) [cd/m <sup>2</sup> ]	450	450	500	450	450	460	450	500	450
Contrast (typ.)	1300:1	1300:1	4000:1	4000:1	4000:1	5000:1	1300:1	4000:1	4000:1
Viewing Angle horizontal / vertical [°]	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	176 / 176	178 / 178	178 / 178	178 / 178
Response Time (typ. G to G) [ms]	8*	12	6.5	6.5	8	6	12	6.5	6.5
Haze Level (%)	1	10	11	11	11	5	10	11	11
Supported orientation	Landscape, Portrait								
Native Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Special Connectors	DVI-D In/Out, HDMI (with HDCP), DisplayPort, VGA								
Slot-In Option	OPS	OPS	OPS	OPS	OPS	OPS	Integrated OPS Digital Signage Player		
Power Consumption [W]	37	60	43	57	95	119	60	43	57
Power Savings Mode [W]	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dimensions (W x H x D) [mm]	750 x 444 x 60	972.5 x 565.4 x 68.3	1058.2 x 612.8 x 65.1	1249.7 x 720.5 x 63.5	1540.4 x 909.2 x 88.3	1836.2 x 1061.3 x 86.2	972.5 x 565.4 x 68.3	1058.2 x 612.8 x 65.1	1249.7 x 720.5 x 63.5
Weight [kg]	9	16.8	18.9	26.5	52.0	60	16.8	18.9	26.5
Bezel Width T - B / L - R [mm]	24.0 / 24.0	18.3 / 18.3	18.3 / 18.3	18.3 / 18.3	50.5 / 53.5	29.7 / 29.7	18.3 / 18.3	18.3 / 18.3	18.3 / 18.3
Integrated Speakers	2 x 8 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W
NaViSet Administrator 2	•	•	•	•	•	•	•	•	•

\* With overdrive

## P SERIES | PROFESSIONAL REFERENCE

	P403	P463	P553	P703	P801
Order Code	60003477	60003478	60003479	60003480	60003481
Panel Technology	S-PVA with Edge LED backlights			UV <sup>2</sup> A with Edge LED backlight	
Screen Size [inch / cm]	40 / 102	46 / 117	55 / 139	70 / 177	80 / 203
Brightness (max.) [cd/m <sup>2</sup> ]	700	700	700	700	700
Contrast (typ.)	4000:1	4000:1	4000:1	5000:1	5000:1
Viewing Angle Hor / Ver [°]	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178
Response Time (typ. G to G) [ms]	8	8	8	8	4
Haze Level (%)	44	44	44	5	5
Supported Orientation	Landscape, Portrait, Face Up, Face Down				
Native Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Special Connectors	DVI-D, HDMI, DisplayPort In/Out, 2x LAN				
Slot-In Option	OPS, Interface Extension Slot				
Power Consumption ECO [W]	58	57	78	67	99
Power Savings Mode [W]	< 1	< 1	< 1	< 1	< 1
Dimensions (W x H x D) [mm]	920.6 x 532.2 x 66.5	1,055.4 x 608.6 x 64.5	1,250.2 x 721 x 64.5	1,587 x 919.6 x 86.9	1,836.2 x 1,061.3 x 86.9
Weight [kg]	17.0	21.4	25.3	47.0	61.5
Bezel Width T - B / L - R [mm]	15.5	16.5	18.5	23.0	29.7
Integrated Speakers	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W
NaViSet Administrator 2	•	•	•	•	•

## XUN SERIES | SPECIALIST

	X464UNV-2	X464UN-2	X464UNS	X554UNV	X554UN-2	X554UNS	X555UNS*	X555UNV*
Order Code	60003791	60003790	60003722	60003723	60003789	60003673	60003905	60003906
Panel Technology	S-PVA / Direct LED						IPS / Direct LED	
Screen Size [inch / cm]	46 / 117	46 / 117	46 / 117	55 / 139	55 / 139	55 / 139	55 / 139	55 / 139
Brightness (Max.) [cd/m <sup>2</sup> ]	500	700	700	500	700	700	700	500
Contrast (typ.)	3500:1	3500:1	3500:1	3500:1	3500:1	3500:1	1200:1	1200:1
Viewing Angle Hor / Vert [°]	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178
Response Time (typ. G to G) [ms]	8	8	8	8	8	8	12	12
Haze Level (%)	44	44	44	44	44	44	44	44
Supported Orientation	Landscape, Portrait, Face Up							
Native Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Special Connectors	DVI-D, HDMI (with HDCP), DisplayPort In/Out, VGA						DVI-D, HDMI (with HDCP)	DVI-D, HDMI (with HDCP)
Slot-In Option	OPS, Interface Extension Slot							
Power Consumption [W]	115	150	150	170	195	195	175	120
Power Use Savings Mode [W]	<1	<1	<1	<1	<1	<1	<1	<1
Dimensions (W x H x D) [mm]	1,024 x 578.6 x 117.3	1,024 x 578.6 x 99.7	1,022 x 576.6 x 101.3	1,213.5 x 684.3 x 100.4	1,215.3 x 686.1 x 99.6	1,213.5 x 684.3 x 100.4	1,213 x 684 x 95	1,213 x 684 x 95
Weight [kg]	24.3	23.0	20.4	25.9	29.2	27.9	30,3	30,3
Bezel Width T - B / L - R [mm]	3.8 / 1.8**	3.7 / 1.8**	2.3 / 1.2	2.3 / 1.2	3.7 / 1.8**	2.3 / 1.2**	2.3 / 1.2	2.3 / 1.2
Integrated Speakers	-	-	-	-	-	-	-	-
NaViSet Administrator 2	•	•	•	•	•	•	•	•

\* Specification subject to change until launch

\*\* Dimension may vary due to manufacturing tolerances

## X UHD SERIES | SPECIALIST EXTREME

	<b>X651UHD</b>	<b>X841UHD</b>	<b>X981UHD</b>
Order Code	60003676	60003675	60003721
Panel Technology	S-IPS / Edge LED	S-IPS / Edge LED	S-IPS / Direct LED
Screen Size [inch / cm]	65 / 164	84 / 214	98 / 249
Brightness (Max.) [cd/m <sup>2</sup> ]	450	500	500
Contrast (typ.)	1300:1	1400:1	1300:1
Viewing Angle Hor / Vert [°]	178 / 178	178 / 178	178 / 178
Response Time (typ. G to G) [ms]	8	12	8
Haze Level (%)	10	10	1
Supported Orientation	Landscape, Portrait, Face Up		
Native Resolution	3840 x 2160	3840 x 2160	3840 x 2160
Special Connectors	DVI-D, HDMI (with HDCP), DisplayPort	DVI-D, HDMI (with HDCP), DisplayPort	DVI-D, HDMI (with HDCP), DisplayPort
Slot-In Option	OPS	OPS	OPS
Power Consumption [W]	200	500	560
Power Use Savings Mode [W]	<1	<1	<1
Dimensions (W x H x D) [mm]	1,468 x 879 x 87	1,931 x 1,117 x 85	2,204 x 1,259 x 108
Weight [kg]	41	70	95
Bezel Width T - B / L - R [mm]	19	32.6	19.9
Integrated Speakers	2 x 10 W	2 x 10 W	2 x 10 W
NaViSet Administrator 2	•	•	•

## XS | XHB SERIES | SPECIALIST EXTREME

	<b>X401S</b>	<b>X462S</b>	<b>X552S</b>	<b>X474HB</b>
Order Code	60003327	60003399	60003329	60003674
Panel Technology	S-PVA / Edge LED	S-PVA / Edge LED	S-PVA / Edge LED	S-IPS / Direct LED
Screen Size [inch / cm]	40 / 102	46 / 117	55 / 139	47 / 119
Brightness (Max.) [cd/m <sup>2</sup> ]	700	700	700	2000
Contrast (typ.)	3500:1	4000:1	4000:1	1300:1
Viewing Angle Hor / Vert [°]	178 / 178	178 / 178	178 / 178	178 / 178
Response Time (typ. G to G) [ms]	8	8	8	10
Haze Level (%)	44	44	44	2
Supported Orientation	Landscape, Portrait, Face Up			Landscape, Portrait
Native Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Special Connectors	DVI-D In/Out, HDMI (with HDCP), DisplayPort, VGA	DVI-D In/Out, HDMI (with HDCP), DisplayPort, VGA	DVI-D In/Out, HDMI (with HDCP), DisplayPort, VGA	DVI-D In/Out, HDMI (with HDCP), DisplayPort
Slot-In Option	OPS	OPS	OPS	OPS, Interface Extension Slot
Power Consumption [W]	140	160	205	260
Power Use Savings Mode [W]	<1	<1	<1	<1
Dimensions (W x H x D) [mm]	925.1 x 537.1 x 43.3	1,059.3 x 613 x 46.1	1,254.5 x 725.3 x 46.1	1,084 x 628 x 147
Weight [kg]	14.9	20.7	24.5	26.9
Bezel Width T - B / L - R [mm]	18.0	18.7	20.5	19.3
Integrated Speakers	2 x 5 W	2 x 5 W	2 x 5 W	2 x 10 W
NaViSet Administrator 2	•	•	•	•

## PROTECTIVE GLASS

MultiSync® Model	<b>V323-2 PG</b>	<b>P403 PG</b>	<b>P463 PG</b>	<b>P553 PG</b>	<b>P703 PG</b>	<b>P801 PG</b>
Order Code	60003995	60003701	60003702	60003703	60003707	60003708
Base Model	V323-2	P403	P463	P553	P703	P801
	All specs same as base model except for those listed below					
Dimensions (W x H x D) [mm]	750 x 444 x 65	920 x 532 x 72	1,055 x 608 x 70	1,250 x 721 x 70	1,587 x 919 x 96	1,836 x 1,061 x 96
Weight [kg]	12.6	21.7	27.7	35.1	64.6	85.2
Bezel Width T-B / L-R (mm)	24.0 / 24.0	15.5 / 15.5	16.5 / 16.5	18.5 / 18.5	23.0 / 23.0	29.7 / 29.7
Glass	4mm Conturan® glass by Schott			5mm Conturan® glass by Schott		
Coating	Double sided anti-reflective coating					
Light Transmission [%]	97	97	97	97	97	97
Reflection Rate [%]	<1	<1	<1	<1	<1	<1

MultiSync® Model	<b>X401S PG</b>	<b>X462 PG</b>	<b>X552 PG</b>	<b>X841UHD PG*</b>	<b>X981UHD PG*</b>
Order Code	60003437	60003433	60003432	60003985	60003983
Base Model	X401S	X462S	X552S	X841UHD	X981UHD
	All specs same as base model except for those listed below				
Dimensions (W x H x D) [mm]	925 x 537 x 48	1,059 x 613 x 51	1,254 x 725 x 51	1,931 x 1,117 x 99	2,188 x 1,245 x 122
Weight [kg]	19.9	27.0	33.5	102	132
Bezel Width T-B / L-R (mm)	18.0 / 18.0	18.7 / 18.7	20.5 / 20.5	32.6 / 32.6	19.9 / 19.9
Glass	4mm Conturan® glass by Schott			6mm Conturan glass by Schott	
Coating	Double sided anti-reflective coating				
Light Transmission [%]	97	97	97	97	97
Reflection Rate [%]	<1	<1	<1	<1	<1

\* Specification subject to change until launch



## MULTI-TOUCH DISPLAYS

MultiSync® Model	E705 SST	E805 SST	E905 SST*	V423 TM	V463 TM	V552 TM	V652 TM	V801 TM
Order Code	60003922	60003923	60003981	60003550	60003551	60003678	60003553	60003679
Supported Orientation	Landscape			Landscape; Portrait				
Base Model	E705	E805	E905	V423	V463	V552 TM	V652	V801TM
	All specs same as base model except for those listed below							
Haze Level	5	5	tbd	10	11	11	11	5
Brightness (max.)	430	430	430	430	480	450	450	460
Power Consumption [W]	168	248	248	67	49	56	106	133
Dimensions (W x H x D) [mm]	1,657 x 968 x 105.5	1,878 x 1,097 x 104	2122 x 1248 x 138,7	1,008 x 601 x 83	1,095 x 650 x 80	1,294 x 765 x 86	1,540 x 909 x 102	1,842 x 1,067 x 107
Weight [kg]	70	85	104	24.7	27.7	40.8	68.3	79.9
Bezel Width T-B / L-R (mm)	33.0 / 41.0	40.0 / 40.0	40.0 / 40.0	32.0 / 32.0	32.8 / 32.8	41.4 / 41.4	50.5 / 53.5	34.8 / 34.8
Touch technology	ShadowSense™			Optical Camera		Infrared	Optical Camera	Infrared
Protection Glass	5mm	5mm		4mm	4mm	4mm	5mm	3mm
Coating	Single sided anti-reflective coated (anti-glare)			Double sided anti-reflective coated				
Touch Points	up to 6			up to 5		up to 6	up to 5	up to 6
Input Method	Finger, Stylus, Glove							
Light Transmission [%]	92	92	92	96	96	96	96	96
Reflection [%]	2	2	tbd	2	2	2	2	2

MultiSync® Model	P403 SST	P463 SST	P553 SST	P703 SST	P801 SST	X651UHD SST *	X841UHD SST	X981UHD SST
Order Code	60003767	60003768	60003769	60003770	60003766	60003990	60003881	60003982
Supported Orientation	Face Up; Landscape; Portrait							
Base Model	P403	P463	P553	P703	P801	X651UHD	X841UHD	X981UHD
	All specs same as base model except for those listed below							
Haze Level	44	44	44	5	5	10	10	1
Brightness (max.)	700	700	700	700	700	500	500	500
Power Consumption [W]	153	168	218	228	338	518	518	578
Dimensions (W x H x D) [mm]	968 x 587 x 82	1,106 x 660 x 82	1,328 x 789 x 79	1,657 x 968 x 105	1,878 x 1,097 x 104	1,532 x 910 x 103	2,000 x 1,194 x 105	2,276 x 1,329 x 123
Weight [kg]	24.0	32.0	37.0	70	85	70	110	150
Bezel Width T-B / L-R (mm)	39.0 / 39.0	40.0 / 40.0	40.0 / 40.0	40.0 / 40.0	40.0 / 40.0	42.0 / 42.0	41.0 / 41.0	45.0 / 45.0
Touch technology	ShadowSense™							
Protection Glass	3mm	3mm	4mm	5mm	5mm	4mm	5mm	5mm
Coating	Single sided anti-reflective coated (anti-glare)							
Touch Points	up to 6							
Input Method	Finger, Stylus, Glove							
Light Transmission [%]	92	92	92	92	92	92	92	92
Reflection [%]	2	2	2	2	2	2	2	2

\* Specification subject to change until launch

## LED MODULES

	INDOOR			OUTDOOR		
	LED04AF1	LED06AF1	LED06F1V	LED10BF1	LED15BF1	LED20BF1
Order Code	60003654	60003000	60003557	60003508	60003001	60003511
Pixel Configuration	3-in-1 SMD (Black)	3-in-1 SMD (Black)	3-in-1 SMD (White)	3-in-1 SMD (Black)	1R / 1G / 1B discrete LED	1R / 1G / 1B discrete LED
Number of Pixel per Tile [dot]	64 x 64	80 x 80	80 x 80	48 x 48	32 x 32	24 x 24
Number of Pixel per m²	213 x 213	160 x 160	160 x 160	96 x 96	64 x 64	48 x 48
Pixel Pitch [mm]	4.69	6.25	6.25	10.417	15.625	20.83
Brightness (typ.) [cd/m²]	2000	2000	3000	6000	7500	7500
Contrast Ratio (typ.)	2000:1	3500:1	2000:1	4000:1	4500:1	4500:1
Colour Processing	14 bit	14 bit	14 bit	16 bit	16 bit	16 bit
Dimming Capability	64 level	64 level	64 level	64 level	64 level	64 level
Gamma Correction	1.8 / 2 / 2.2 (Default) / 2.4	1.8 / 2.0 / 2.2 (Default) / 2.4	1.8 / 2.0 / 2.2 (Default) / 2.4	1.8 / 2.0 / 2.2 (Default) / 2.4	1.8 / 2.0 / 2.2 (Default) / 2.4	1.8 / 2.0 / 2.2 (Default) / 2.4
Colour Temperature [K]	3200; 5000; 6500 (default); 7500; 9300					
Refresh Rate	> 19200 Hz	19200 Hz	19200 Hz	19200 Hz	19200 Hz	19200 Hz
Digital Inputs	Circular, DVI with RS-422	DVI-D Dual Link In/Out	DVI-D Dual Link In/Out	Circular, DVI-D RS-422	DVI-D Dual Link In/Out	Circular, DVI-D RS-422
Power Use on Mode [W]	135W (Full White); 45W (50% grey)	235W (Full White); 75W (50% grey level)	130W (Full White); 60W (50% grey)	145W (Full White); 65W (50% grey)	135W (Full White); 45W (50% grey level)	135W (Full White); 45W (50% grey)
Dimensions (W x H x D) [mm]	300 x 300 x 120	500 x 500 x 170	500 x 500 x 170	500 x 500 x 190	500 x 500 x 190	500 x 500 x 188
Weight [kg]	3	12.7	12.7	12.8	14.0	13.6
IP Level	IP2	IP20	IP20	IP65	IP65	IP65

# SPEAKERS | STANDS

SPEAKER v MODEL																																																								
PRODUCT NAME		X464UN-2	X554UN-2	X464UNS	X554UNS	X464UNV-2	X401S PG*	X462S PG*	X552S PG*	X474HB	X651UHD	X841UHD	X981UHD	P403 PG	P463 PG	P553 PG	P703 PG	P801 PG	P403 DST/SST	P463 DST/SST	P553 DST/SST	P703 SST	P801 SST	V323-2 PG*	V423	V463	V552	V652	V801	V423 TM	V463 TM	V552 TM	V652 TM	V801 TM	E325	E425	E505	E585	E654	E705	E805	E905	E705 SST	E805 SST												
SPEAKER	ORDER CODE	COMPATIBILITY																																																						
SP-RM1	100012663	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●							
SP-RM2	100012728	-	-	-	-	-	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
SP-TF1	100013520	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				
SP-46SM	100013413	-	-	-	-	-	●	-	-	-	-	-	-	-	●	-	-	-	-	-	-	-	-	-	-	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
SP-55SM	100013463	-	-	-	-	-	-	-	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
SP-65SM	100013556	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
SP-70SM	100013899	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
SP-80SM	100013414	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Speakers Built-In		-	-	-	-	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
No Speaker Option		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

\* High-end Speakers (SP-xxSM) are not compatible with Protective Glass Displays.



MultiSync V801 with High-End Speaker SP-80SM



High-End Speaker SP-55SM

●	Perfect Compatibility
○	Integrated, bulge from surface of back cover
●	Uneven from surface of display front
-	Not Compatible

FEET v MODEL																																																										
PRODUCT NAME		X464UN-2	X554UN-2	X464UNS	X554UNS	X464UNV-2	X401S PG	X462S PG	X552S PG	X474HB	X651UHD	X841UHD	X981UHD	P403 PG	P463 PG	P553 PG	P703 PG	P801 PG	P403 DST/SST	P463 DST/SST	P553 DST/SST	P703 SST	P801 SST	V323-2 PG	V423	V463	V552	V652	V801	V423 TM	V463 TM	V552 TM	V652 TM	V801 TM	E325	E425	E505	E585	E654	E705	E805	E905	E705 SST	E805 SST														
FEET	ORDER CODE	COMPATIBILITY																																																								
ST-322	100013034	●	-	●	-	●	●	-	-	-	-	-	-	●	●	-	-	-	-	●	●	-	-	●	●	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
ST-4020	100012203	-	-	-	-	-	-	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
ST-4620	100012205	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
ST-5220	100012201	-	●	-	●	-	-	-	●	-	-	-	-	-	-	-	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
ST-651	100012828	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
ST-801	100013328	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
ST-32E	100013911	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
ST-42E	100013944	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ST-50E	100013945	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ST-58E	100013910	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Feet Included		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
No Feet Option		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



MultiSync® E505 with optional feet



## SLOT-IN OPTIONS

OPTION BOARD v LARGE FORMAT MODEL			X464UNV-2	X464UN-2	X464UNS	X554UN-2	X554UNS	X401S (PG)	X462S (PG)	X552S (PG)	P403	P463	P553	P703	P801	P403 DST/SSST	P463 DST/SSST	P553 DST/SSST	P703 SST	P801 SST	V323 (PG)	V423	V463	V552	V652	V801	
PRODUCT NAME	FORMAT	ORDER CODE	OPS and Interface Extension					OPS			OPS and Interface Extension										OPS						
Celeron N2807 2 x 1.58 GHz*	OPS	100013752	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Celeron 2000E 2 x 2.2GHz*	OPS	100013751	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Core i3 4100E 2 x 2.4 GHz*	OPS	100013808	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Core i5 4400E 2 x 2.7 GHz*	OPS	100013594	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Core i7 4700EQ 4 x 2.4 GHz*	OPS	100013595	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
HD-SDI 1.5G	OPS	100012893	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
HD-SDI 3G	OPS	100012947	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
OPS Digital Signage Player	OPS	100013538	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
HDBaseT Receiver	OPS	100013612	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Analog Video Expansion Board	Interface Extension	100013510	●	●	●	●	●	-	-	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
BNC Expansion Board		100013511	●	●	●	●	●	-	-	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Digital Video Expansion Board		100013512	●	●	●	●	●	-	-	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

OPTION BOARD v LARGE FORMAT MODEL			V423 TM	V463 TM	V552 TM	V652 TM	V801 TM	E325	E425	E505	E585	E654	E705	E805	E905	X651UHD	X841UHD	X981UHD	
PRODUCT NAME	FORMAT	ORDER CODE	OPS					no Slot								OPS			
Celeron N2807 2 x 1.58 GHz*	OPS	100013752	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Celeron 2000E 2 x 2.2 GHz*	OPS	100013751	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Core i3 4100E 2 x 2.4 GHz*	OPS	100013808	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Core i5 4400E 2 x 2.7 GHz*	OPS	100013594	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Core i7 4700EQ 4 x 2.4 GHz*	OPS	100013595	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
HD-SDI 1.5G	OPS	100012893	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
HD-SDI 3G	OPS	100012947	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
OPS Digital Signage Player	OPS	100013538	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
HDBaseT Receiver	OPS	100013612	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Analog Video Expansion Board	Interface Extension	100013510	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BNC Expansion Board		100013511	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Digital Video Expansion Board		100013512	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

●	Compatible
●	Compatible using external OPS Standalone Adaptor
-	Not Compatible

OPTION BOARD v PROJECTOR MODEL			PH1400U	PH1000U	PX700W	PX750U	PX800X	PX602UL	PX602WL
PRODUCT NAME	FORMAT	ORDER CODE	OPS						
Celeron N2807 2 x 1.58 GHz*	OPS	100013752	●	●	●	●	●	●	●
Celeron 2000E 2 x 2.2 GHz*	OPS	100013751	●	●	●	●	●	●	●
Core i3 4100E 2 x 2.4 GHz*	OPS	100013808	●	●	●	●	●	●	●
Core i5 4400E 2 x 2.7 GHz*	OPS	100013594	●	●	●	●	●	●	●
Core i7 4700EQ 4 x 2.4 GHz*	OPS	100013595	●	●	●	●	●	●	●
HD-SDI Internal 1.5G	OPS	100012893	●	●	●	●	●	●	●
HD-SDI Internal 3G	OPS	100012947	●	●	●	●	●	●	●
OPS Digital Signage Player	OPS	100013538	●	●	●	●	●	●	●
HDBaseT Receiver	OPS	100013612	●	●	●	●	●	●	●
HDBaseT Sender	OPS	100013613	●	●	●	●	●	●	●



OPS SLOT-IN PC



OPS HD-SDI BOARD

\*Please note that all other Slot-in PC configurations have the same compatibility characteristics.

# SOFTWARE



CONTROL

Hiperwall



## FIELDANALYST

### Anonymous Video Analytics (AVA)

FieldAnalyst is a software solution which automatically detects human faces from images captured by video cameras, and estimates the number of visitors and exits, gender and age group, which are digitalized for output in real time.



## HIPERWALL VIDEOWALL SOLUTION

### All-in-one support system for NEC products

Hiperwall is an ultra high resolution software package for an endless number of displays which is scalable in size and eliminates costly servers, matrix switches and distributors. It enables customers to connect an infinite number of sources to a videowall and freely determine size and position of this content.

## LEAFENGINE

### Context Aware Digital Signage with leafengine

The leafengine middleware transforms digital signage installations into interactive experiences, reacting to the visitor's input, customizing the content and gathering the rich market data all these processes generate.



For more detailed information please visit:

[www.leafengine.com](http://www.leafengine.com)



## NAVISET ADMINISTRATOR 2

### All-in-one support system for NEC products

NaViSet Administrator 2 is an all-in-one remote support solution that manages the majority of NEC display devices and Windows computers. It is ideal for multidevice installations over larger infrastructures, for example in the corporate/large businesses, transportation, energy and utility, leisure and museum, finance, retail industries.

For more detailed information please visit:

[www.nec-display-solutions.com/naviset](http://www.nec-display-solutions.com/naviset)

## NEC DISPLAYNOTE

### Next Generation Interactive Learning

DisplayNote NEC Edition is the latest interactive whiteboard tablet solution, which combines advanced collaboration tools with the market leading utilities available with NEC Projectors and Large Format Displays to create the ideal collective presentation solution for learning establishments.

For more detailed information please visit:

[www.displaynote-nec.com](http://www.displaynote-nec.com)



## VUKUNET

### The Engine that Powers the DOOH Industry

VUKUNET is an internet-based AdServing platform that connects all DOOH media networks in order to simplify planning, buying and delivering an advertising campaign. Developed by NEC it forms part of a market leading suite of digital signage products and services.

For more detailed information please visit:

[www.vukunet-nec.com](http://www.vukunet-nec.com)

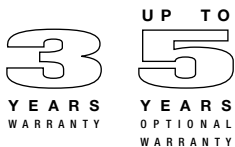


# PROJECTORS



The award-winning projector range offers products for all needs, from portable devices via business projectors to products for permanent operation (such as PoS applications) as well as Digital Cinema projectors delivering the most exceptional image quality, brightness, resolution, contrast and colour together with a wealth of new revenue generation opportunities.

With a traditional focus on Education, many of our projectors include Special Education warranties and solutions and we bundle free software that helps you get connected, share content or make up for a lost remote control. More information on NEC Education Solutions is available at: [www.education-nec.com](http://www.education-nec.com)



For more detailed information please visit:  
[www.nec-display-solutions.com](http://www.nec-display-solutions.com)

## LED MOBILE

**L Series** Ideal for presentation on the move, ultra-light weight and elegant.

## VALUE

**V Series** Ideal for classrooms, (small) meeting rooms, cross-use (private/professional), mobile/cooperative applications.

## MULTIPURPOSE

**UM Series** Suited for classrooms and small to medium sized meeting rooms.

## ULTRA SHORT THROW AND INTERACTIVE VERSION

**UM-UMi Series** The perfect choice for creative professional demanding colour-critical performance.

## PROFESSIONAL

**P Series** Best solution for larger meeting rooms and university lecture halls.

## PROFESSIONAL ADVANCED

**PA Series** Ideal for corporate, high education and rental.

## PROFESSIONAL EXTREME

**PX Series** Ideal for rental / staging, large corporate, high education, conference room, museum and signage .

## PROFESSIONAL HIGH END

**PH Series** Best solution for rental/staging, high education and digital signage museum and signage.

## DIGITAL CINEMA

**NC Series** World leading cinema projectors for multi-national chains or single venues.

## MOBILE PROJECTORS

Compact, lightweight projectors with attractive design. Ideal for mobile presentation or desktop applications.

**L102W LED**  
**V SERIES**



## DESKTOP PROJECTORS



Flexible and professional desktop projectors – predestined for business and educational use.

**M SERIES**

## PROFESSIONAL PROJECTORS

The award-winning projector range offers products for all needs, from portable devices via business projectors to products for permanent operation (such as PoS applications). Excellent brightness and attractive price/performance ratio.

**M SERIES**  
**P SERIES**



## INSTALLATION PROJECTORS



Projectors for multiple business applications – with excellent brightness and connectivity. Ideal for fixed installation purposes.

**PA SERIES**  
**PH SERIES**  
**PX SERIES**

## SHORT-THROW PROJECTORS

Short-throw lens eliminates shadows on the screen along with projected light in the presenter's eyes created by traditional front projection systems. For places with little space.

**M SERIES**



## ULTRA-SHORT-THROW PROJECTORS



Projectors offering ultra-short throwing distance, 3D ready and low cost of ownership for corporate and educational applications in classrooms and (small) meeting rooms – ideal for interactive whiteboards.

### U SERIES UM SERIES

## DIGITAL CINEMA PROJECTORS

Digital Cinema projectors with all advantages of Digital Cinema technology. Breathtaking, pin sharp images, precise colour reproduction and easy to operate. An ideal solution for theatres and cinema events.

### NC SERIES



### L SERIES | MOBILE

### V SERIES | VALUE

	L102W LED	V230X	V260	V302H	V332W	V302W	V332X	V302X
Order Code	60003452	60003177	60003176	60003897	60003896	60003895	60003894	60003893
Display	DLP	DLP	DLP	DLP	DLP	DLP	DLP	DLP
Aspect Ratio	16:10	4:3	4:3	16:9	16:10	16:10	4:3	4:3
Native Resolution	1280 x 800 (WXGA)	1024 x 768 (XGA)	800 x 600 (SVGA)	1920 x 1080 (Full HD)	1280 x 800 (WXGA)	1280 x 800 (WXGA)	1024 x 768 (XGA)	1024 x 768 (XGA)
Brightness [ANSI Lumen]	1000	2300	2600	3000	3300	3000	3300	3000
Contrast Ratio	10000:1	2000:1	2000:1	8000:1	10.000:1	10.000:1	10.000:1	10.000:1
Projection Factor	1.4 : 1	1.95 – 2.15 : 1	1.95 – 2.15 : 1	1.50 - 1.80 : 1	1.55 - 1.70 : 1	1.55 - 1.70 : 1	1.95 - 2.15 : 1	1.95 - 2.15 : 1
Projection Distance [m]	0.52 – 3	1.2 – 13	1.2 – 13	1.3 - 12	1 - 11	1 - 11	1.19 - 13.1	1.19 - 13.1
Projection Angle [°]	13.8	12.8 - 14.0	12.8 - 14.0	11.7 - 14.0	13 - 14.2	13 - 14.2	12.8 - 14.0	12.8 - 14.0
Screen Size (min / max) [cm (inch)]	43.2 / 254 (17 / 100)	76 / 762 (30 / 300)	76 / 762 (30 / 300)	102 / 762 (40 / 300)	76 / 762 (30 / 300)	76 / 762 (30 / 300)	76 / 762 (30 / 300)	76 / 762 (30 / 300)
Zoom / Focus	Digital / Manual	Manual / Manual	Manual / Manual	Manual / Manual	Manual / Manual	Manual / Manual	Manual / Manual	Manual / Manual
Connectors	HDMI, SD Card, USB A, USB mini-B, RGB In, Video, 1 x Audio In, 1 x Audio Out, optional WLAN	RGB In, PC Control, 1 x RGB out, S-Video, Video, 1 x Audio In	RGB In, PC Control, 1 x RGB out, S-Video, Video, 1 x Audio In	2 x HDMI, 1 x RGB In, PC Control, LAN, 1 x RGB out, Video, Audio: 3x In, 1x Out, 1x USB B				
Power Use [W AC] High Bright / Normal / Power-Saving	107 / 84 / 0.5	233 / 210 / 0.8	233 / 210 / 0.8	266 / 207 / 0.5	263 / 204 / 0.5	237 / 194 / 0.5	263 / 204 / 0.5	237 / 198 / 0.5
Lamp Life Normal / ECO [hrs.]	238 x 44 x 177	3500 / 5000	3500 / 5000	3500 / 6000	3500 / 6000	4500 / 6000	3500 / 6000	4500 / 6000
Dimensions (W x H x D) [mm]	1.36	310 x 95 x 247	310 x 95 x 247	324 x 88 x 250	324 x 88 x 250	324 x 88 x 250	324 x 88 x 250	324 x 88 x 250
Weight [kg]	1 x 2	2.5	2.5	2.9	2.8	2.7	2.8	2.7
Speakers (mono) [W]		1 x 7	1 x 7	1 x 8	1 x 8	1 x 8	1 x 8	1 x 8
TCO		•	-	-	-	-	-	-
Education Warranty Available		-	-	•	•	•	•	•
NaViSet Administrator 2		•	•	•	•	•	•	•



# M SERIES | MULTI-PURPOSE SHORT THROW

	<b>M271X</b>	<b>M311X</b>	<b>M311W</b>	<b>M322H</b>	<b>M323X</b>	<b>M323W</b>	<b>M363X</b>
Order Code	60003404	60003405	60003407	60003888	60003973	60003972	60003980
Display	LCD			DLP			
Aspect Ratio	4:3	4:3	16:10	16:9	4:3	16:10	4:3
Native Resolution	1024 x 768 (XGA)	1024 x 768 (XGA)	1280 x 800 (WXGA)	1920 x 1080 (Full HD)	1024 x 768 (XGA)	1280 x 800 (WXGA)	1024 x 768 (XGA)
Brightness [ANSI Lumen]	2700	3100	3100	3200	3200	3200	3600
Contrast Ratio	3000:1	3000:1	3000:1	8000:1	10000:1	10000:1	10000:1
Projection Factor	1.3 – 2.2 : 1	1.3 – 2.2 : 1	1.3 – 2.2 : 1	1.2 – 2.1 : 1	1.5 – 2.5 : 1	1.5 – 2.5 : 1	1.5 – 2.5 : 1
Projection Distance [m]	0.6 – 13.8	0.6 – 13.8	0.7 – 14.7	0.74 – 14.08	0.89 - 15.93	0.75 - 13.49	0.89 - 15.93
Projection Angle [°]	6.5 – 11.4	6.5 – 11.4	6.5 – 11.4	9.9 - 17.9	10.5 - 17.6	10.5 - 17.6	10.5 - 17.6
Screen Size (min / max) [cm (inch)]	63.5 / 76.2 (25 / 300)	63.5 / 76.2 (25 / 300)	63.5 / 76.2 (25 / 300)	76.2 - 76.2 (30 - 300)	76.2 - 76.2 (30 - 300)	76.2 - 76.2 (30 - 300)	76.2 - 76.2 (30 - 300)
Zoom / Focus	Manual / Manual						
Connectors	HDMI, 2 x RGB In, S-Video, 2 x USB A, 1 x B, LAN, PC Control, 1 x RGB out, Video, Audio: 3 In, 1 Out, Optional WLAN		HDMI, 2 x RGB In, S-Video, 2 x USB A, 1 x B, LAN, PC Control, 1 x RGB out, Video, Audio: 2 In, 1 Micro In, 1 Out, Optional WLAN	2 x HDMI, 1 x RGB In, 1 x USB A, 1 x USB B, LAN, PC Control, 1 x RGB out, Video, Audio: 2 In, 1 Out, Optional WLAN, 1x Microphone In, 1x 3D Sync			
Power [W AC] Hi-Bright / Normal / ECO / Power-Saving	239 / 193 / 172 / 0.4	239 / 193 / 172 / 0.4	302 / 236 / 211 / 0.4	335 / 278 / 246 / 0.4	283 / 218 / 186 / 0.4	283 / 218 / 186 / 0.4	316 / 240 / 205 / 0.4
Lamp Life Normal / ECO [hrs.]	6000 / 10000	6000 / 10000	5000 / 8000	5000 / 8000	5500 / 8000	5500 / 8000	5500 / 8000
Dimensions (W x H x D) [mm]	339 x 99 x 257	339 x 99 x 257	339 x 99 x 257	367.9 x 107.5 x 291.3	367.9 x 107.5 x 291.3	367.9 x 107.5 x 291.3	367.9 x 97.5 x 285.9
Weight [kg]	2.99	2.99	2.99	3.7	3.4	3.4	3.5
Speakers (mono) [W]	1 x 10	1 x 10	1 x 10	1 x 20	1 x 20	1 x 20	1 x 20
TCO	-	-	•	-	-	-	•
Education Warranty Available	•	•	•	•	•	•	•

	<b>M363W</b>	<b>M403X</b>	<b>M403W</b>	<b>M403H</b>	<b>M302WS</b>	<b>M333XS</b>	<b>M353WS</b>
Order Code	60003976	60003979	60003978	60003977	60003578	60003580	60003975
Display	DLP						
Aspect Ratio	16:10	4:3	16:10	16:9	16:10	4:3	16:10
Native Resolution	1280 x 800 (WXGA)	1024 x 768 (XGA)	1280 x 800 (WXGA)	1920 x 1080 (Full HD)	1280 x 800 (WXGA)	1024 x 768 (XGA)	1280 x 800 (WXGA)
Brightness [ANSI Lumen]	3600	4000	4000	4000	3000	3300	3500
Contrast Ratio	10000:1	10000:1	10000:1	10000:1	10000:1	10000:1	10000:1
Projection Factor	1.2 – 2.04 : 1	1.5 – 2.5 : 1	1.2 – 2.04 : 1	1.2 – 2.1 : 1	0.45:1	0.56:1	0.45:1
Projection Distance [m]	0.76 – 13.53	0.89 - 15.93	0.75 - 13.49	0.74 – 14.08	0.56 – 1.48	0.68 – 1.76	0.57 – 1.48
Projection Angle [°]	10.5 - 17.6	10.5 - 17.6	10.5 - 17.6	9.9 - 17.9	40.7 - 40.9	40.7 - 40.8	40.7 - 40.9
Screen Size (min / max) [cm (inch)]	76.2 - 76.2 (30 - 300)	76.2 - 76.2 (30 - 300)	76.2 - 76.2 (30 - 300)	76.2 - 76.2 (30 - 300)	152.4 / 381 (60 / 150)	152.4 / 381 (60 / 150)	152.4 / 381 (60 / 150)
Zoom / Focus	Manual / Manual				Digital / Manual		
Connectors	2 x HDMI, 1 x RGB In, 1 x USB A, 1 x USB B, LAN, PC Control, 1 x RGB out, Video, Audio: 2 In, 1 Out, Optional WLAN, 1x Microphone In, 1x 3D Sync		2 x HDMI, 1 x RGB In, 1 x USB A, 1 x USB B, LAN, PC Control, 1 x RGB out, Video, Audio: 2 In, 1 Out, Optional WLAN, 1x Microphone In, 1x 3D Sync	2 x HDMI, 1 x RGB In, 1 x USB A, 1 x USB B, LAN, PC Control, 1 x RGB out, Video, Audio: 2 In, 1 Out, Optional WLAN, 1x Microphone In, 1x 3D Sync	2 x HDMI, 1 x RGB In, 1 x Video, 2 x USB A, 1 x USB B, LAN, PC Control, 1 x RGB out, Audio: 2 In, 1 Out, Optional WLAN, 1x Microphone In, 1x 3D Sync	2 x HDMI, 1 x RGB In, 1 x Video, 1 x USB A, 1 x USB B, LAN, PC Control, 1 x RGB out, Audio: 2 In, 1 Out, Optional WLAN, 1x Microphone In, 1x 3D Sync	
Power [W AC] Hi-Bright / Normal / ECO / Power-Saving	316 / 240 / 205 / 0.4	338 / 276 / 221 / 0.4	338 / 276 / 221 / 0.4	338 / 276 / 221 / 0.4	286 / 224 / 202 / 0.4	335 / 278 / 246 / 0.4	335 / 278 / 246 / 0.4
Lamp Life Normal / ECO [hrs.]	5500 / 8000	5000 / 8000	5000 / 8000	5000 / 8000	5500 / 8000	5500 / 8000	5500 / 8000
Dimensions (W x H x D) [mm]	367.9 x 97.5 x 285.9	367.9 x 97.5 x 285.9	367.9 x 97.5 x 285.9	367.9 x 97.5 x 285.9	368 x 97 x 286	368 x 97 x 286	368 x 97 x 286
Weight [kg]	3.5	3.5	3.5	3.7	3.6	3.7	3.6
Speakers (mono) [W]	1 x 20	1 x 20	1 x 20	1 x 20	1 x 20	1 x 20	1 x 20
Education Warranty Available	•	•	•	•	•	•	•

# UM | UMI SERIES | ULTRA-SHORT-THROW

	Multi-Touch			Multi-Pen		Multi-Touch		Multi-Pen	
	U321H	U321Hi-MT	U321Hi-MP	UM351W	UM351Wi-MT	UM351Wi-MP	UM352Wi-MT	UM352Wi-MP	
Order Code	60003952	60003945	60003944	60003842	60003941	60003910	60003955	60003889	
Display	DLP	DLP	DLP	LCD	LCD	LCD	LCD	LCD	
Aspect Ratio	16:9	16:9	16:9	16:10	16:10	16:10	16:10	16:10	
Native Resolution	1920 x 1080 (Full-HD)	1920 x 1080 (Full-HD)	1920 x 1080 (Full-HD)	1280 x 800 (WXGA)	1280 x 800 (WXGA)	1280 x 800 (WXGA)	1280 x 800 (WXGA)	1280 x 800 (WXGA)	
Brightness [ANSI Lumen]	3200	3200	3200	3500	3500	3500	3500	3500	
Contrast Ratio	10000:1	10000:1	10000:1	6000:1	6000:1	6000:1	6000:1	6000:1	
Projection Factor	0.25 : 1	0.25 : 1	0.25 : 1	0.36 : 1	0.36 : 1	0.36 : 1	0.36 : 1	0.36 : 1	
Projection Distance [m]	0.195 - 0.306	0.195 - 0.306	0.195 - 0.306	0.11 – 0.51	0.11 – 0.51	0.11 – 0.51	0.11 – 0.51	0.11 – 0.51	
Projection Angle [°]	57	57	57	49.2	49.2	49.2	49.2	49.2	
Screen Size (min / max) [cm (inch)]	216 / 254 (85 / 100)	216 / 254 (85 / 100)	216 / 254 (85 / 100)	147.3 / 279 (58 / 110)	147.3 / 279 (58 / 110)	147.3 / 279 (58 / 110)	147.3 / 279 (58 / 110)	147.3 / 279 (58 / 110)	
Zoom / Focus	Digital / Manual	Digital / Manual	Digital / Manual	Digital / Manual	Digital / Manual	Digital / Manual	Digital / Manual	Digital / Manual	
Connectors	1 x HDMI, 1 x RGB In, Video, PC Control, 1 x USB			2 x HDMI, 1 x RGB In, Video, LAN, PC Control, 3 x USB, 1 x RGB out, 3 x Audio In, 1 x Microphone In, 1 x Audio Out, WLAN optional			2 x HDMI, 1 x RGB In, Video, LAN, PC Control, 3 x USB, 1 x RGB out, 2 x Audio In, 1 x Microphone In, 1 x Audio Out, WLAN optional		
Power [W AC] Hi-Bright / Normal / ECO / Power-Saving	- / 312 / 264 / 0.5	- / 312 / 264 / 0.5	- / 312 / 264 / 0.5	324 / 257 / 214 / 0.5	324 / 257 / 214 / 0.5	324 / 257 / 214 / 0.5	326 / 261 / 216 / 0.5	326 / 261 / 216 / 0.5	
Lamp Life Normal / ECO [hrs.]	3000 / 4000	3000 / 4000	3000 / 4000	5000 / 6000	5000 / 6000	5000 / 6000	5000 / 6000	5000 / 6000	
Dimensions (W x H x D) [mm]	383 x 85 x 308	383 x 85 x 308	383 x 85 x 308	378 x 112 x 428	378 x 112 x 428	378 x 112 x 428	378 x 112 x 428	378 x 112 x 428	
Weight [kg]	4.7	4.7	4.7	5.6	5.6	5.6	5.8	5.8	
Speakers (mono) [W]	1 x 8	1 x 8	1 x 8	1 x 20	1 x 20	1 x 20	1 x 20	1 x 20	
Education Warranty Available	•	•	•	•	•	•	•	•	

	Multi-Touch		Multi-Pen		Multi-Pen		Multi-Pen	
	UM301W	UM301Wi-MT	UM301Wi-MP	UM361X	UM361Xi-MP	UM301X	UM301Xi-MP	
Order Code	60003840	60003940	60003908	60003843	60003911	60003841	60003909	
Display	LCD	LCD	LCD	LCD	LCD	LCD	LCD	
Aspect Ratio	16:10	16:10	16:10	4:3	4:3	4:3	4:3	
Native Resolution	1280 x 800 (WXGA)	1280 x 800 (WXGA)	1280 x 800 (WXGA)	1024 x 768 (XGA)	1024 x 768 (XGA)	1024 x 768 (XGA)	1024 x 768 (XGA)	
Brightness [ANSI Lumen]	3000	3000	3000	3600	3600	3000	3000	
Contrast Ratio	6000:1	6000:1	6000:1	6000:1	6000:1	6000:1	6000:1	
Projection Factor	0.36 : 1	0.36 : 1	0.36 : 1	0.36 : 1	0.36 : 1	0.36 : 1	0.36 : 1	
Projection Distance [m]	0.11 – 0.51	0.11 – 0.51	0.11 – 0.51	0.11 – 0.51	0.11 – 0.51	0.11 – 0.51	0.11 – 0.51	
Projection Angle [°]	49.2	49.2	49.2	53.1	53.1	53.1	53.1	
Screen Size (min / max) [cm (inch)]	147.3 / 279 (58 / 110)	147.3 / 279 (58 / 110)	147.3 / 279 (58 / 110)	156.2 / 296.2 (61.5 / 116.6)	156.2 / 296.2 (61.5 / 116.6)	156.2 / 296.2 (61.5 / 116.6)	156.2 / 296.2 (61.5 / 116.6)	
Zoom / Focus	Digital / Manual	Digital / Manual	Digital / Manual	Digital / Manual	Digital / Manual	Digital / Manual	Digital / Manual	
Connectors	2 x HDMI, 1 x RGB In, Video, LAN, PC Control, 3 x USB, 1 x RGB out, 2 x Audio In, 1 x Microphone In, 1 x Audio Out, WLAN optional							
Power [W AC] Hi-Bright / Normal / ECO / Power-Saving	285 / 227 / 190 / 0.5	285 / 227 / 190 / 0.5	285 / 227 / 190 / 0.5	324 / 257 / 214 / 0.5	324 / 257 / 214 / 0.5	285 / 227 / 190 / 0.5	285 / 227 / 190 / 0.5	
Lamp Life Normal / ECO [hrs.]	5000 / 8000	5000 / 8000	5000 / 8000	5000 / 6000	5000 / 6000	5000 / 8000	5000 / 8000	
Dimensions (W x H x D) [mm]	378 x 112 x 428	378 x 112 x 428	378 x 112 x 428	378 x 112 x 428	378 x 112 x 428	378 x 112 x 428	378 x 112 x 428	
Weight [kg]	5.5	5.5	5.5	5.6	5.6	5.5	5.5	
Speakers (mono) [W]	1 x 20	1 x 20	1 x 20	1 x 20	1 x 20	1 x 20	1 x 20	
Education Warranty Available	•	•	•	•	•	•	•	

	P502HL	PA621U	PA622U	PA522U	PA671W	PA672W	PA572W	PA722X	
Order Code	60003694	60003661	60003444	60003640	60003660	60003445	60003641	60003446	
Display	DLP	LCD	LCD	LCD	LCD	LCD	LCD	LCD	
Aspect Ratio	16:9	16:10	16:10	16:10	16:10	16:10	16:10	4:3	
Native Resolution	1920 x 1080	1920 x 1200 (WUXGA)	1920 x 1200 (WUXGA)	1920 x 1200 (WUXGA)	1280 x 800 (WXGA)	1280 x 800 (WXGA)	1280 x 800 (WXGA)	1024 x 768 (XGA)	
Brightness [ANSI Lumen] (Max)	5000	6200	6200	5200	6700	6700	5700	7200	
Brightness in Normal Mode [approx. %]	80	80	80	80	80	80	80	80	
Contrast Ratio (DB™ = with DynamicBlack™)	100000:1	6000:1	6000:1	5000:1	6000:1	6000:1	5000:1	5000:1	
Lens [mm]	F= 2.0-2.5 f= 18.2 - 31.1	optional	optional	optional	optional	optional	optional	optional	
Lens: optional bayonet lenses (LM = with lens memory)	No optional lens	6	6	6	6	6	6	6	
Projection Factor (std. option)	1.24 - 2.1 : 1	1.5-3.02:1 (NP13ZL)	1.5-3.02:1 (NP13ZL)	1.5-3.02:1 (NP13ZL)	1.5-3.02:1 (NP13ZL)	1.5-3.02:1 (NP13ZL)	1.5-3.02:1 (NP13ZL)	1.5-3.02:1 (NP13ZL)	
Projection Distance [m]	0.8 - 14.2	0.7 (NP11FL) 76.4 (NP15ZL)	0.7 (NP11FL) 76.4 (NP15ZL)	0.7 (NP11FL) 76.4 (NP15ZL)	0.7 (NP11FL) 76.4 (NP15ZL)	0.7 (NP11FL) 76.4 (NP15ZL)	0.7 (NP11FL) 76.4 (NP15ZL)	0.7 (NP11FL) 76.4 (NP15ZL)	
Screen Size (min. / max.) [cm (inch)]	76 / 762 (30 / 300)	76 / 1270 (30 / 500)	76 / 1270 (30 / 500)	76 / 1270 (30 / 500)	76 / 1270 (30 / 500)	76 / 1270 (30 / 500)	77 / 1270 (30 / 500)	77 / 1270 (30 / 500)	
Lens Adjustment	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	
Connectors	2 x HDMI, 1 x RGB In, PC Control, RCA In, 1 x USB A, USB B, LAN, 2 x Audio In, 1 x RGB Out, 1 x Audio Out, optional WLAN	2 x HDMI (with HDCP), DisplayPort, 1 x RGB In, 1 x 5BNC (shared with Video/S-Video Component Signal), 1 x HDMI Out, 1 x D-Sub9pin, 1 x USB A, 1 x Audio Out, 1 x 3D Sync Out, 1 x Remote In, LAN, optional WLAN	2 x HDMI (with HDCP), DisplayPort, 1 x RGB In, 1 x 5BNC (shared with Video/S-Video Component Signal), 1 x HDBaseT, 1 x HDMI Out, 1 x D-Sub 9pin (PC Control), 1 x USB A, 1 x Audio Out, LAN, 6 x Audio In, 1 x 3D Sync Out, 1 x Remote In	2 x HDMI (with HDCP), DisplayPort, 1 x RGB In, 1 x 5BNC (shared with Video/S-Video Component Signal), 1 x HDBaseT, 1 x HDMI Out, 1 x D-Sub9pin, 1 x USB A, 1 x Audio Out, 1 x 3D Sync Out, 1 x Remote In, LAN	2 x HDMI (with HDCP), DisplayPort, 1 x RGB In, 1 x 5BNC (shared with Video / S-Video Component Signal), 1 x HDMI Out, 1 x USB A, 1 x Audio Out, 5 x Audio In, 1 x 3D Sync Out, 1 x Remote In, LAN, optional WLAN	2 x HDMI (with HDCP), DisplayPort, 1 x RGB In, 1 x 5BNC (shared with Video/S-Video Component Signal), 1 x HDBaseT, 1 x HDMI Out, 1 x D-Sub 9pin (PC Control), 1 x USB A, 1 x Audio Out, LAN, 6 x Audio In, 1 x 3D Sync Out, 1 x Remote In	2 x HDMI (with HDCP), DisplayPort, 1 x RGB In, 1 x 5BNC (shared with Video/S-Video Component Signal), 1 x HDBaseT, 1 x HDMI Out, 1 x D-Sub 9pin (PC Control), 1 x USB A, 1 x Audio Out, LAN, 6 x Audio In, 1 x 3D Sync Out, 1 x Remote In	2 x HDMI (with HDCP), DisplayPort, 1 x RGB In, 1 x 5BNC (shared with Video/S-Video Component Signal), 1 x HDBaseT, 1 x HDMI Out, 1 x D-Sub 9pin (PC Control), 1 x USB A, 1 x Audio Out, LAN, 6 x Audio In, 1 x 3D Sync Out, 1 x Remote In	2 x HDMI (with HDCP), DisplayPort, 1 x RGB In, 1 x 5BNC (shared with Video/S-Video Component Signal), 1 x HDBaseT, 1 x HDMI Out, 1 x D-Sub 9pin (PC Control), 1 x USB A, 1 x Audio Out, LAN, 6 x Audio In, 1 x 3D Sync Out, 1 x Remote In
Power: (High Bright / ECO / ) [W]	442 / 347	460 / 362	460 / 362	460 / 362	460 / 362	460 / 362	460 / 362	460 / 362	
Power Network Stand-by Mode [W]	2	4.9	7.9	7.9	7.9	7.9	7.9	7.9	
Power Saving Mode [W]	0.3	0.16	0.16	0.16	0.16	0.16	0.16	0.16	
Lamp Power: Normal /ECO [W / UHP AC]	Laser Light Source	350 / 264	350 / 264	330 / 264	350 / 264	350 / 264	330 / 264	350 / 264	
Lamp Life: Hi Br / Normal / ECO [hrs.]	20000	- / 3000 / 4000	- / 3000 / 4000	- / 3000 / 4000	- / 3000 / 4000	- / 3000 / 4000	- / 3000 / 4000	- / 3000 / 4000	
Dimensions (W x H x D) [mm]	469 x 137 x 365	499 x 142 x 359	499 x 142 x 359	499 x 142 x 359	500 x 142 x 359	501 x 142 x 359	502 x 142 x 359	503 x 142 x 359	
Weight [kg]	8.8	8.4	8.4	8.4	8.4	8.4	8.4	8.4	
Speakers [W]	1 x 20	1 x 10	1 x 10	1 x 10	1 x 10	1 x 10	1 x 10	1 x 10	

	PX700W	PX750U	PX800X	PX602UL	PX602WL	PH1400U	PH1201QL	PH1202HL
Order Code	60003828	60003829	60003830	60003795 (BK), 60003695 (WH)	60003794 (BK), 60003696 (WH)	60003442	60003698	60003902
Display	DLP	DLP	DLP	DLP	DLP	3-chip DLP	DC4K Chip - DLP™ Technology	3-chip DLP™ Technology
Aspect Ratio	16:10	16:10	4:3	16:10	16:10	16:10	19:10	16:10
Native Resolution	1280 x 800 (WXGA)	1920 x 1200 (WUXGA)	1024 x 768 (XGA)	1920x1200 (WUXGA)	1280 x 800 (WXGA)	1920 x 1200 (WUXGA)	4096 x 2160	1920 x 1080 (1080p)
Brightness [ANSI Lumen] (Max)	7000	7500	8000	6000	6000	13500	12000	12000
Brightness in Normal Mode [approx. %]	80	80	80	80	80	75	75	75
Contrast Ratio (DB™ = with DynamicBlack™)	2100:1 DB™	2100:1 DB™	2100:1 DB™	10000:1	10000:1	2000:1	2000:1	10000:1
Lens [mm]	optional	optional	optional	optional	optional	optional	optional	optional
Lens: optional bayonet lenses (LM = with lens memory)	7 (6 with Lens Memory)	7 (6 with Lens Memory)	7 (6 with Lens Memory)	5	5	7 (6 with Lens Memory)	9 with LM	6 with LM
Projection Factor (std. option)	0.76:1 & 1.25-8.3:1	0.76:1 & 1.25-8.3:1	0.76:1 & 1.25-8.3:1	0.75:1 - 5.50:1	0.79:1 - 5.78:1	0.67:1 & 0.9-6.96:1	0.9:1 & 1.13:1 - 7.4:1	0.9:1 - 6.76:1
Projection Distance [m]	0.8 (NP16FL) 54 (NP21ZL)	0.8 (NP16FL) 54 (NP21ZL)	0.8 (NP16FL) 54 (NP21ZL)	1.02 – 19.39	1.02 – 19.39	1.1 (NP25FL) 74 (NP29ZL)	depending on lens selection	depending on lens selection
Screen Size (min. / max.) [cm (inch)]	127 / 762 (50 / 300)	127 / 762 (50 / 300)	127 / 762 (50 / 300)	127 / 762 (50 / 300)	127 / 762 (50 / 300)	203 / 1720 (80 / 500)	tbd	1524 / 152 (600 / 60)
Lens Adjustment	Motorised	Motorised	Motorised	Motorised	Motorised	Motorised	Motorised	Motorised
Connectors	HDMI, DisplayPort, 3 x RGB In, S-Video, LAN, PC Control, 2 x USB A, RCA In, 1 x RGB out, Remote in, optional WLAN, 1 x Optional Slot	HDMI, DisplayPort, 3 x RGB In, S-Video, LAN, PC Control, 2 x USB A, RCA In, 1 x RGB out, Remote in, optional WLAN, 1 x Optional Slot	HDMI, DisplayPort, 3 x RGB In, S-Video, LAN, PC Control, 2 x USB A, RCA In, 1 x RGB out, Remote in, optional WLAN, 1 x Optional Slot	HDMI, DisplayPort, 1 x RGB In, 1 x 5BNC, HDBaseT	HDMI, DisplayPort, 1 x RGB In, 1 x 5BNC, HDBaseT	HDMI, DisplayPort, 3 x RGB In, S-Video, LAN, PC Control, 2 x USB A, RCA In, 1 x RGB Out, Remote In, optional WLAN, 3D DVI In, 1 x Optional Slot	2 x DVI-D, 2 x HDMI, 4 x 3G-SDI	1 x DisplayPort, 1 x HDBaseT, 1 x HDMI™, 1 x HDMI supporting HDCP
Power: (High Bright / ECO / ) [W]	494 / 405	515 / 429	489 / 404	550 / 270	550 / 270	705 / 585	1600	1392 / 752
Power Network Stand-by Mode [W]	18	23	18	< 6	< 6	60	tbd	tbd
Power Saving Mode [W]	0.4	0.4	0.4	< 0.5	< 0.5	0.5	tbd	0.5
Lamp Power: Normal /ECO [W / UHP AC]	2 x 400 / 2 x 320	2 x 400 / 2 x 320	2 x 400 / 2 x 320	Laser Light Source		2 x 465 / 2 x 365	tbd	tbd
Lamp Life: Hi Br / Normal / ECO [hrs.]	- / 2000 / 2500	- / 2000 / 2500	- / 2000 / 2500	20000	20000	- / 2500 / 3000	20000	- / 20000 / 30000
Dimensions (W x H x D) [mm]	504 x 192 x 516	504 x 192 x 516	504 x 192 x 516	484 x 195 x 509	484 x 195 x 509	558 x 235 x 578	700 x 323 x 935	680 x 333 x 860
Weight [kg]	19.7	19.7	19.7	18.5	18.5	39	67.5	68
Speakers [W]	-	-	-	-	-	-	-	-

\* Specification subject to change until launch

	NC900C	NC1200C	NC1201L*	NC2000C	NC3200S	NC3240S	NC1040L	NC1440L	NC1100L
Order Code	60003356	60002948	60003926	60002815	60002816	60003070	60003623	60003664	60003700
DMD	3-chip DMD reflection method	3-chip DMD reflection method	3-chip DMD reflection method	3 x 0.98" Chip DLP™	3-chip DMD reflection method	3-chip DMD reflection method	3-chip DMD reflection method	3-chip DMD reflection method	3-chip DMD reflection method
Screen Sizes	up to 9.5 m in DCI Colour	4 to 14 m	up to 12 m	up to 20 m	up to 32 m	up to 32 m	up to 9.5 m	up to 14 m	up to 11 m
Light Source	350 W x 2 NSH Lamps	max 2.0KW	Laser Light Source	max 4.0KW	High-efficiency Xenon lamp options (7KW)	High-efficiency Xenon lamp options (7KW)	External Laser Light source connected by fiber tube	Laser Light Source	Laser Light Source
Contrast Ratio	1800:1 (full on/off)	> 2200:1 (full on/off)	1650:1	> 2200:1 (full on/off)	> 2200:1 (full on/off)	> 2000:1 (full on/off)	2000:1 (full on/off)	2000:1 (full on/off)	1750:1 (full on/off)
DMD Specifications	2048 x 1080 Chip: 0.69" DLP	0.98", 12° tilt angle, 2048 x 1080 pixels	2048 x 1080 Chip: 0.69" DLP	0.98", 12° tilt angle, 2048 x 1080 pixels	1.25", 12° tilt angle, 2048 x 1080 pixels	1.38", 12° tilt angle, 4096 x 2160 pixels	1.38", 12° tilt angle, 4096 x 2160 pixels	1.38", 4096 x 2160 pixels	2048 x 1080 Chip: 0.69" DLP
Primary Lenses	NP-9LS12ZM: 1.2-1.72:1 NP-9LS13ZM: 1.33-2.1:1 NP-9LS16ZM: 1.62-2.7:1 NP-9LS20ZM: 2.09-3.9:1 NP-9LS40Z: 4.07-6.34:1	1.2 to 1.8:1 zoom; 1.3 to 1.75:1 zoom; 1.4 to 2.05:1 zoom; 1.59 to 2.53:1 zoom; 1.9 to 3.25:1 zoom; 2.4 to 3.9:1 zoom; 3.9 to 6.5:1 zoom	NP-9LS12ZM1: 1.2-1.72:1 NP-9LS13ZM1: 1.33-2.1:1 NP-9LS16ZM1: 1.62-2.7:1 NP-9LS20ZM1: 2.09-3.9:1 NP-9LS40ZM1: 4.07-6.34:1	1.2 to 1.8:1 zoom; 1.3 to 1.75:1 zoom; 1.4 to 2.05:1 zoom; 1.59 to 2.53:1 zoom; 1.9 to 3.25:1 zoom; 2.4 to 3.9:1 zoom; 3.9 to 6.52:1 zoom	1.25 to 1.45:1 zoom; 1.44 to 2.05:1 zoom; 1.6 to 2.4:1 zoom; 1.8 to 3:1 zoom; 2.15 to 3.6:1 zoom; 3 to 4.3:1 zoom; 4.3 to 6:1 zoom	1.25 to 1.45:1 zoom; 1.44 to 2.05:1 zoom; 1.6 to 2.4:1 zoom; 1.8 to 3:1 zoom; 2.15 to 3.6:1 zoom; 3 to 4.3:1 zoom; 4.3 to 6:1 zoom	1.13 to 1.66:1 zoom; 1.30 to 1.85:1 zoom; 1.44 to 2.16:1 zoom; 1.63 to 2.71:1 zoom; 1.95 to 3.26:1 zoom; 2.71 to 3.89:1 zoom	1.13 to 1.66:1 zoom; 1.30 to 1.85:1 zoom; 1.44 to 2.16:1 zoom; 1.63 to 2.71:1 zoom; 1.95 to 3.26:1 zoom; 2.71 to 3.89:1 zoom	NP-9LS12ZM1: 1.2-1.72:1 NP-9LS13ZM1: 1.33-2.1:1 NP-9LS16ZM1: 1.62-2.7:1 NP-9LS20ZM1: 2.09-3.9:1
Dimension W x H x D [mm]	621 x 314 x 798	700 x 503 x 990	680 x 333 x 860	700 x 503 x 990	700 x 503 x 1,124	700 x 503 x 1,124	737 x 364 x 1,042	737 x 364 x 1,042	700 x 314 x 1042
Cooling Method	Air cooling with dust-preventing electrostatic filter	Liquid Cooling system with dust preventing electrostatic filter. Total thermal dissipation: 10,600 BTU. Projector exhaust: 10m³/min	Circulating air cooling system	Liquid Cooling system with dust preventing electrostatic filter. Total thermal dissipation: 18,800 BTU. Demand of Exhaust Duct 13CMM	Liquid Cooling inside, air cooling with dust preventing electrostatic filter. Total thermal dissipation: 35,500 BTU. Demand of Exhaust Duct 16CMM	Liquid Cooling inside, air cooling with dust preventing electrostatic filter. Total thermal dissipation: 35,850 BTU. Demand of Exhaust Duct 16CMM	Liquid Cooling inside, air cooling with dust preventing electrostatic filter. Demand of exhaust duct: NO	Liquid Cooling inside, air cooling with dust preventing electrostatic filter; Demand of exhaust duct: NO	Air cooling with dust-preventing electrostatic filter

\* Specification subject to change until launch

For more detailed information please visit: [www.digital-cinema-nec.com](http://www.digital-cinema-nec.com)

## PROJECTOR OPTIONS

OPTION v PROJECTOR		Value		Multi-Purpose						Short Throw			
		V230X	V260	M230X	M271X	M271W	M311X	M311W	M361X	M260XS	M302WS	M352XS	M352WS
OPTION	ORDER CODE	COMPATIBILITY											
PJ03WHA	100012976	-	-	-	-	-	-	-	-	●	●	●	●
PJ03WHM	100013024	-	-	-	-	-	-	-	-	●	●	●	●
NP02HM	100012781	-	-	-	-	-	-	-	-	●	●	●	●
PJ03MHA *	100013384	-	-	-	-	-	-	-	-	●	●	●	●
NP02WK	100012810	-	-	-	-	-	-	-	-	●	●	●	●
NP03WK	100012864	-	-	-	-	-	-	-	-	●	●	●	●
NP04WK	100013142	-	-	-	-	-	-	-	-	●	-	-	-
NP05WK	100013622	-	-	-	-	-	-	-	-	-	●	●	●
Wall Mount included		-	-	-	-	-	-	-	-	-	-	-	-
NP02UCM	100012433	●	●	●	●	●	●	●	●	●	●	●	●
NP03UCM	100012434	●	●	●	●	●	●	●	●	●	●	●	●
NP04UCM	100012435	●	●	●	●	●	●	●	●	●	●	●	●
NP05UCM	100012436	●	●	●	●	●	●	●	●	●	●	●	●
NP70CM	100012901	-	-	-	-	-	-	-	-	-	-	-	-
NP01Wi1 (incl. Mouse Driver)	60003314	-	-	-	-	-	-	-	-	●	-	-	-
NP01Wi2 (incl. Software)	60003315	-	-	-	-	-	-	-	-	●	-	-	-
NP02Wi	100013065	-	-	-	-	-	-	-	-	-	-	-	-
NP03Wi	100013602	-	-	-	-	-	-	-	-	-	●	●	●
NP02GL (3D Glasses)	100012946	●	●	-	-	-	-	-	-	-	●	●	●
VPOP-01000 (3D Glasses)	1000135777	●	●	-	-	-	-	-	-	-	●	●	●

# PROJECTOR OPTIONS

OPTION v PROJECTOR		Ultra Short Throw					Installation																					
		U310W	UM280X	UM280W	UM330X	UM330W	P401W	P451W	P501X	PE401H	PA500U	PA500X	PA550W	PA600X	PX700W	PX750U	PX800X	PH1000U	PH1400U	PA621U	PA622U	PA522U	PA671W	PA672W	PA572W	PA722X		
OPTION	ORDER CODE	COMPATIBILITY																										
PJ03WHA	100012976	●	●	●	●	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PJ03WHM	100013024	●	●	●	●	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NP02HM	100012781	●	●	●	●	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PJ03MHA*	100013384	●	●	●	●	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NP02WK	100012810	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NP03WK	100012864	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NP04WK	100013142	●	●	●	●	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NP05WK	100013622	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wall Mount included		●	●	●	●	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NP02UCM	100012433	●	●	●	●	●	●	●	●	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NP03UCM	100012434	●	●	●	●	●	●	●	●	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NP04UCM	100012435	●	●	●	●	●	●	●	●	●	●	●	●	-	-	-	-	-	-	●	●	●	●	●	●	●	●	●
NP05UCM	100012436	●	●	●	●	●	●	●	●	●	●	●	●	-	-	-	-	-	●	●	●	●	●	●	●	●	●	●
NP70CM	100012901	-	-	-	-	-	-	-	-	-	-	-	-	●	●	●	-	-	-	-	-	-	-	-	-	-	-	-
NP01Wi1 (incl. Mouse Driver)	60003314	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NP01Wi2 (incl. Software)	60003315	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NP02Wi	100013065	-	●	●	●	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NP03Wi	100013602	-	●	●	●	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NP02GL (3D Glasses)	100012946	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VPOP-01000 (3D Glasses)	tbd.	●	-	-	-	-	-	-	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PJ01FPA	tbd.	-	-	-	-	-	-	-	-	●	●	●	●	-	-	-	-	-	-	●	●	●	●	●	●	●	●	●
PJ01FPX	tbd.	-	-	-	-	-	-	-	-	-	-	-	-	-	●	●	●	-	-	-	-	-	-	-	-	-	-	-
PJ01FPH	tbd.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●	●	-	-	-	-	-	-	-	-	-

CEILING MOUNT FEATURES		Maximum Load [kg]	Length [mm]	Tilt/ Roll [°]	Swivel [°]
OPTION	ORDER CODE				
NP02UCM	100012433	7	500	25	360
NP03UCM	100012434	7	750	25	360
NP04UCM	100012435	12	300 - 350	25	360
NP05UCM	100012436	12	500 - 750	25	360
NP70CM	100012901	30	250	25	-

HEIGHT ADJUSTABLE SYSTEMS		Adjustment Type	Height Adjustment [mm]	Weight [kg]	Maximum Load [kg]
OPTION	ORDER CODE				
PJ03WHA	100012976	Motorised	500	39.6	50.0
PJ03WHM	100013024	Mechanical	450	38.0	40.0
NP02HM	100012781	Motorised	675	48.0	50.0
PJ03MHA*	100013384	Motorised	500	88.0	50.0

MOUNT COMPATIBILITY		NP02WK	NP03WK	NP04WK	NP05WK	NP05WK
OPTION	ORDER CODE					
PJ03WHA	100012976	●	●	●	●	●
PJ03WHM	100013024	●	●	●	●	●
NP02HM	100012781	●	●	●	●	●
PJ03MHA*	100013384	●	●	●	●	●
NP01Wi1	60003314	●	●	●	●	-
NP01Wi2	60003315	●	●	●	●	-
NP02Wi	100013065	●	●	●	●	-
NP03Wi	100013602	-	-	-	-	●

WALL MOUNT FEATURES		Height Adjustment [mm]	Weight [kg]
OPTION	ORDER CODE		
PJ03WHA	100012976	450	39.6
PJ03WHM	100013024	500	38
NP02WK	100012810	50	7.2
NP03WK	100012864	50	10.5
NP04WK	100013142	+/-40	9.3
NP05WK	100013622	+/-40	13.7

\* Whiteboard not included

# PROFESSIONAL SERVICE

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### TRADE IN YOUR OLD PROJECTOR WHEN YOU TRADE-UP TO NEC

Make your next projector purchase an NEC and you could trade-in your old projector for cash and take comfort that you are doing your part in preserving resources and creating a sustainable environment.

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### GREEN WITHOUT COMPROMISE

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#### INTUITIVE ECO MODES

One Click or Auto ECO Modes help you reduce your projector or display power use when it is not needed, allowing optimum brightness and maximum energy efficiency at all times.

#### AV MUTE

Save 75% Lamp Power by simply sliding the projector cover across. When you slide it back the image instantly reappears.

#### HUMAN AND AMBIENT LIGHT SENSORS

The Human Sensor ensures your display is only working when you are, as it detects your presence at the desk, ambient light and luminance sensors also make intelligent adjustments to your displayed image to help to save power.

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### A COMMITMENT TO QUALITY

NEC serviceplus takes that philosophy further for the entire sales cycle from pre-sales through to the replacement phase. We take the guessing out of installing and managing a Display Solution inventory over a standard or extended lifecycle. Our customers can concentrate on their business activities, confident that their IT infrastructure is underwritten by the serviceplus promise.

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- Ad hoc warranty extension
- 24/7 for selected displays and projectors
- De-/Re-install service

For more detailed information please visit:

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