

NEC DISPLAY SOLUTIONS

PRODUCT OVERVIEW 01 2012

DESKTOP DISPLAYS | PUBLIC DISPLAYS | PROJECTORS



NEW IN THIS EDITION

NEW DESKTOP DISPLAY, PUBLIC DISPLAY
AND PROJECTION SOLUTIONS

NEC DISPLAY SOLUTIONS

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.

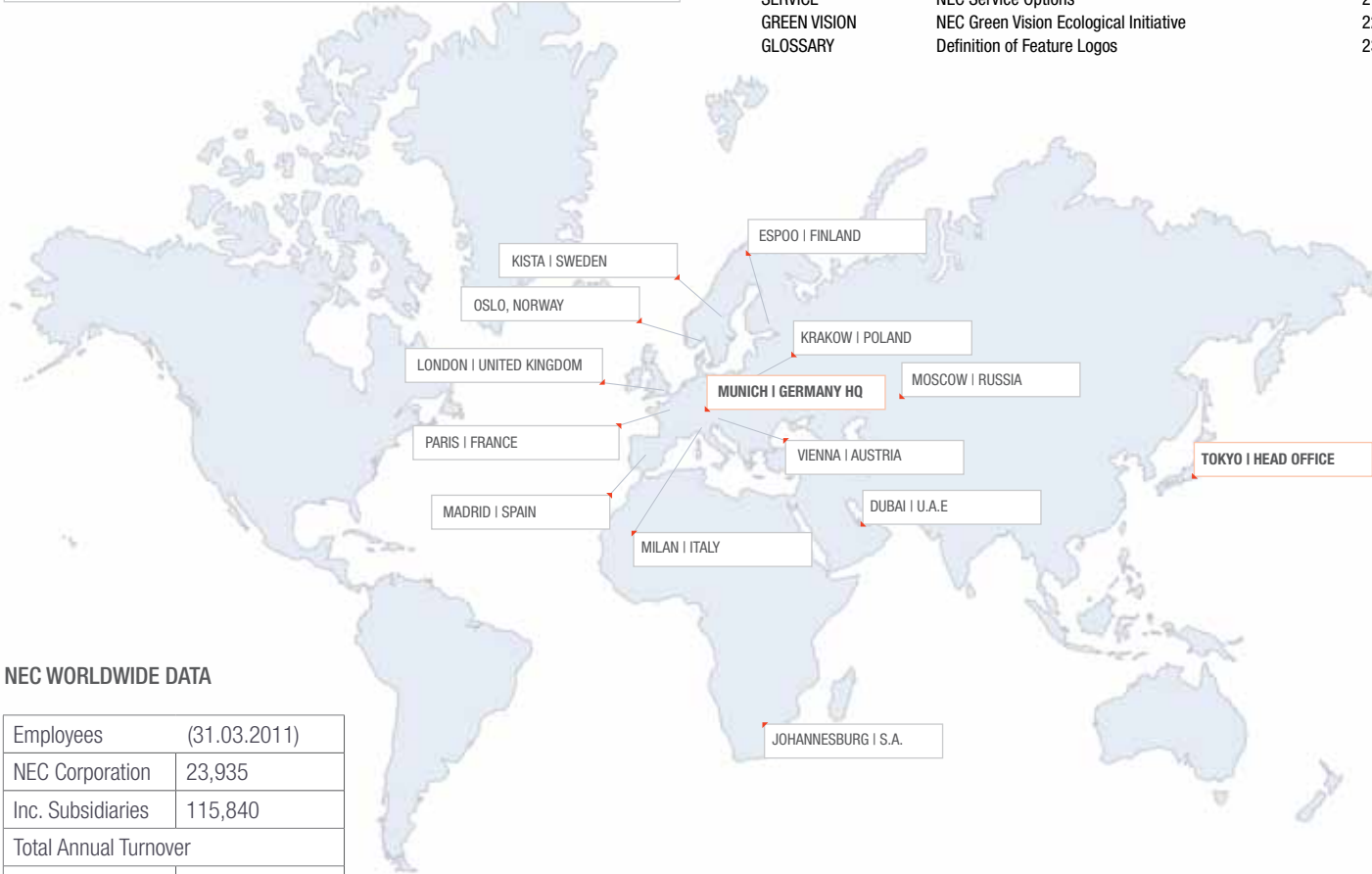
THE WIDEST PORTFOLIO OF DISPLAY SOLUTIONS OF ANY SUPPLIER

Today NEC boasts a comprehensive range of Desktop Displays, Public 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 13 local sales and support offices across Europe, Middle East and Africa.

NEC

EUROPEAN, MIDDLE EAST AND AFRICA LOCATIONS



NEC WORLDWIDE DATA

Employees	(31.03.2011)
NEC Corporation	23,935
Inc. Subsidiaries	115,840
Total Annual Turnover	
Worldwide	¥3,115.4 billion

CONTENTS	DESCRIPTION	PAGE
DESKTOP DISPLAYS		3
AS SERIES	Entry Level Commercial Displays	5
5 SERIES	Small Format Corporate / Retail Bespoke Display	5
E SERIES	Enterprise ECO Ergonomic Displays	5
EA SERIES	Advanced Enterprise ECO Ergonomic Displays	5
EX SERIES	Designer Styled ECO Modern Office Displays	5
90 SERIES	Critical Performance, Corporate Professional Series	6
P SERIES	Professional Performance Ergonomic Displays	6
PA SERIES	Professional Advanced Reference Displays	6
SPECTRAVIEW	Colour Critical Reference Displays	7
MD SERIES	Medical Reference Displays	7
NEC PUBLIC DISPLAYS		8
V SERIES	Entry Level Commercial Displays	9
P SERIES	Professional 24/7 Reference Displays	9
X SERIES	Designer, Videowall and Specialist Reference Displays	10
LCD8205	Super-sized Display	10
LED MODULES	Professional External and Internal LED Solutions	11
PD OPTIONS	Various Options and Accessories for Public Displays	12
NEC PROJECTORS		14
LED L SERIES	New Designer Mobile LED Projector	15
NP MOBILE	Mobile Quick Set-up Corporate Projectors	15
V SERIES	Value Range Standard and Wide Projectors	15
M SERIES	Multi-Purpose ECO Projectors	16
U SERIES	Ultra-Short-Throw 3D Ready Projectors	17
NP INSTALLATION	Professional Installation Projectors	18
P SERIES	Professional ECO Installation Projectors	18
PA SERIES	Professional Advanced High Bright Projectors	18
PX SERIES	Professional Extreme Performance 3 Chip Projectors	19
PH SERIES	Professional High End Projectors	19
NC SERIES	2K and 4K Digital Cinema Solutions	19
PROJECTOR OPTIONS	Various Options and Accessories for Projectors	20
SERVICE	NEC Service Options	21
GREEN VISION	NEC Green Vision Ecological Initiative	22
GLOSSARY	Definition of Feature Logos	23



With the widest range of Display Solutions on the market, NEC have a Desktop Display for almost any requirement. From mission critical, such as Finance, Medical or Publishing to ecological or commercial value and all backed by our three year manufacturer warranty.

This month the addition of two new models to our EA Series reaffirms our commitment to ecological products with uncompromising performance. With our environmentally conscious Corporate customers in mind these displays offer LED backlighting and the NEC power saving 'Human Sensor', but also feature Full HD resolution and 130mm height adjustment.

NEW RELEASES

EA243WM	24" WIDE ECOLOGICAL, LED BACKLIT DISPLAY WITH FULL HD, TN PANEL. IDEAL FOR CORPORATE BACK OFFICE AND PUBLIC SECTOR USERS
EA273WM	27" WIDE ECOLOGICAL, LED BACKLIT DISPLAY WITH FULL HD, TN PANEL. IDEAL FOR CORPORATE BACK OFFICE AND PUBLIC SECTOR USERS

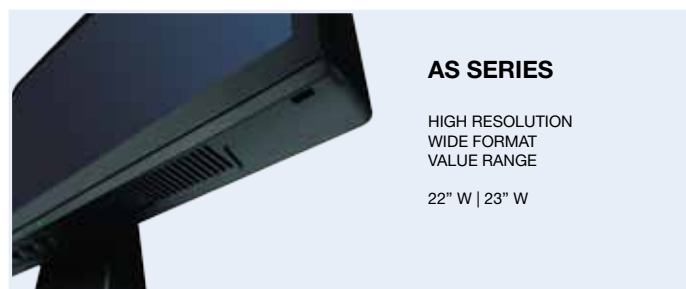
SERIES	POSITIONING	IDEAL APPLICATIONS
AS 5	COMMERCIAL ENTRY LEVEL	Corporates and Demanding Consumers where commercial performance to a price point is required.
E EA EX	COMMERCIAL ENTERPRISE	Corporate and Government Offices Performance Oriented Corporates and SMBs Corporates that demand Minimalist, Future Ready Style and Advanced Performance
90 P PA	PROFESSIONAL	Critical Performance Applications needing high image quality, innovation and rich features Professional Design Ready, Suited to CAD/CAM, Finance, Demanding Office and Industrial Applications Reference Standard Professional Applications including Creative, Semi-Medical, Precision Engineering and Demanding Offices
SV	COLOUR	Optimum Colour Management with Hardware Calibration for Colour Critical Requirements
MD	MEDICAL	DICOM prioritisation. Primary Diagnostics and meeting MDD-CE regulations, with complete QA Conformance



DESKTOP DISPLAYS

DESKTOP DISPLAYS

	AS221WM	AS231WM
Order Code	60002791	60002931
Colour Versions	B	B
Panel Technology	TN / CCFL	TN / CCFL
Screen Size [inch / cm]	22.0 / 55.87	23.0 / 58.42
Aspect Ratio	16:10	16:9
Brightness (typ.) [cd/m²]	250	250
Contrast (typ.)	1000:1	1000:1
Viewing Angle Hor / Vert [°]	160 / 160	170 / 160
Response Time (typ. G to G) [ms]	5	5
Colours [Mio.]	16.77	16.77
Resolution at 60 Hz	1680 x 1050	1920 x 1080
Connectors	DVI-D, VGA	DVI-D, VGA
Power Use Max / ECO [W]	21 / 17	25 / 18
Power Saving Mode [W]	0.42	0.42
Internal Power Supply	•	•
Height Adjustable Stand [mm]	-	-
Other Ergonomics	Tilt	Tilt
Bezel Width T - B / L - R [mm]	14.8 / 14.8	17.0 / 17.0
Dimensions with stand (W x H x D)	505.2 x 390.9 x 221.8	546.0 x 378.6 x 221.8
Weight with stand [kg]	5.0	5.4
EPEAT™	Silver	Silver
TCO	•	•



It works only when you do

A unique 'human sensor', powers the EX Series on and off depending on the viewer's presence.

EX SERIES

FUTURISTIC MINIMALIST
ECO LED BACKLIGHT
HUMAN SENSOR
OFFICE AND PROFESSIONAL
HIGH RESOLUTION
WIDE FORMAT
DISPLAYPORT*
ERGONOMICS

20" | 23" W



3
YEARS
WARRANTY

ECO
INNOVATION

DESKTOP DISPLAYS

	LCD175M	E201W	E222W	E231W	EA191M	EA192M	EA221WMe
Order Code	60002795 / 60002794	60002820 / 60002818	60002785 / 60002784	60002932 / 60002933	60002456 / 60002455	60003064 / 60003065	60002666 / 60002665
Colour Versions	B / W	B / W	B / W	B / W	B / W	B / W	B / W
Panel Technology	TN / CCFL	TN / W-LED	TN / CCFL	TN / W-LED	PVA / CCFL	TN / W-LED	TN / CCFL
Screen Size [inch / cm]	17.0 / 43.27	20.0 / 50.8	22.0 / 55.9	23.0 / 58.42	19.0 / 48.2	19.0 / 48.2	22.0 / 55.9
Aspect Ratio	5:4	16:9	16:10	16:9	5:4	5:4	16:10
Brightness (typ.) [cd/m ²]	250	250	250	250	250	250	250
Contrast (typ.)	1000:1	1000:1	1000:1	1000:1	1500:1	1000:1	1000:1
Viewing Angle Hor / Vert [°]	160 / 160	170 / 160	170 / 160	170 / 160	178 / 178	170 / 160	170 / 160
Response Time (typ. G to G) [ms]	5	5	5	5	5	5	5
Colours [Mio.]	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 1050	1920 x 1080	1280 x 1024	1280 x 1024	1680 x 1050
Connectors	DVI-D, VGA	DisplayPort, DVI-D, VGA	DVI-D, VGA	DisplayPort, DVI-D, VGA	DVI-D, VGA	DisplayPort, DVI-D, VGA	DVI-D, 4 x USB, VGA
Power Use Max / ECO [W]	19 / 14	25 / 12	28 / 20	28 / 16	35 / 27	26 / 16	26 / 19
Power Saving Mode [W]	0.40	0.42	0.14	0.34	2.00	0.42	0.15
Internal Power Supply	●	●	●	●	●	●	●
Height Adjustable Stand [mm]	50	110	110	110	110	110	110
Other Ergonomics	Tilt	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]	14.2 / 14.2	16.0 / 16.0	16.0 / 16.0	19.2 / 19.2	14.9 / 14.9	14.9 / 14.9	16.0 / 16.0
Dimensions with stand (W x H x D)	360.0 x 358.5 x 230.0	447.0 x 359.3 x 213.9	507.8 x 384.5 x 213.9	550.1 x 381.8 x 213.9	408.0 x 383.5 x 220.0	408.0 x 386.4 x 213.9	507.8 x 382.0 x 220.0
Weight with stand [kg]	5.2	5.4	6.8	6.2	7.0	5.5	7.9
EPEAT™	Gold / Silver	Gold / Silver	Silver / Silver	Gold / Silver	Silver / Silver	Silver / Silver	Gold / Silver
TCO	●	●	●	●	-	●	●

	EA232Wmi	EA241WM	EA243WM	EA273WM	EX201W	EX231W	EX231Wp
Order Code	60003106 / 60003105	60002822 / 60002821	60003158 / 60003157	60003154 / 60003153	60003152 / 60003151	60002936 / 60002937	60003150 / 60003149
Colour Versions	B / W	B / W	B / W	B / W	B / W	B / W	B / W
Panel Technology	IPS / W-LED	TN / CCFL	TN / W-LED	TN / W-LED	TN / W-LED	TN / W-LED	PVA / W-LED
Screen Size [inch / cm]	23.0 / 58.4	24.0 / 61.1	24.1 / 61.13	27.0 / 68.6	20.0 / 50.8	23.0 / 58.42	23.0 / 58.42
Aspect Ratio	16:9	16:10	16:10	16:9	16:9	16:9	16:9
Brightness (typ.) [cd/m ²]	250	400	250	300	250	250	250
Contrast (typ.)	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1	3000:1
Viewing Angle Hor / Vert [°]	178 / 178	170 / 160	160 / 160	160 / 160	160 / 160	170 / 160	178 / 178
Response Time (typ. G to G) [ms]	20	5	5	5	3.7	5	6
Colours [Mio.]	16.77	16.77	16.77	16.77	16.77	16.77	16.77
Resolution at 60 Hz	1920 x 1080	1920 x 1200	1920 x 1200	1920 x 1080	1600 x 900	1920 x 1080	1920 x 1080
Connectors	DisplayPort, DVI-D, 4 x USB, VGA	DVI-D, 4 x USB, VGA	DVI-D, HDMI, 4 x USB, DisplayPort	DVI-D, HDMI, 4 x USB, DisplayPort	DisplayPort, USB, DVI-I	DisplayPort, USB, DVI-I	DisplayPort, USB, DVI-I
Power Use Max / ECO [W]	37 / 21	52 / 38	29 / 14	39 / 17	21 / 11	31 / 16	27 / 15
Power Saving Mode [W]	0.47	2.00	0.48	0.48	0.37	0.37	0.37
Internal Power Supply	●	●	●	●	-	-	-
Height Adjustable Stand [mm]	110	110	130	130	110	110	110
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]	19.0 / 19.0	19.1 / 19.1	16.8 / 17.9	16.5 / 15.5	14.0 / 14.0	14.2 / 14.2	14.2 / 14.2
Dimensions with stand (W x H x D)	550.1 x 379.1 x 220.0	558.6 x 437.0 x 272.4	556.2 x 408.9 x 230.0	631.4 x 415.0 x 230.0	474.8 x 381.3 x 215.0	540.2 x 401.3 x 215.0	540.2 x 401.3 x 215.0
Weight with stand [kg]	7.5	10.5	7.0	7.2	3.5	4.2	4.2
EPEAT™	Gold / Silver	Gold / Silver	Gold / Gold	Gold / Gold	Gold / Silver	Gold / Silver	Gold / Silver
TCO	●	●	●	●	●	●	●

AS COMMERCIAL ENTRY LEVEL E | EA | EX COMMERCIAL ENTERPRISE

FOR MORE DETAILED INFORMATION: PLEASE VISIT WWW.NEC-DISPLAY-SOLUTIONS.COM

DESKTOP DISPLAYS

	1990SX	2090UXi	2190UXp
Order Code	60001871	60001659 / 60001658	60001850 / 60001849
Colour Versions	B	B / W	B / W
Panel Technology	PVA / CCFL	S-IPS / CCFL	SPVA / CCFL
Screen Size [inch / cm]	19.0 / 48.2	20.1 / 51.0	21.3 / 54.0
Aspect Ratio	5:4	4:3	4:3
Brightness (typ.) [cd/m ²]	250	280	300
Contrast (typ.)	1500:1	700:1	1000:1
Viewing Angle Hor / Vert [°]	178 / 178	178 / 178	178 / 178
Response Time (typ. G to G) [ms]	8	8	8
Colours [Mio.]	16.77	16.77	16.77
Resolution at 60 Hz	1280 x 1024	1600 x 1200	1600 x 1200
Connectors	DVI-D, DVI-I, VGA	DVI-D, DVI-I, VGA	DVI-D, DVI-I, VGA
Power Use Max / ECO [W]	39 / 28	50 / 36	60 / 43
Power Saving Mode [W]	1	1	1
Internal Power Supply	●	●	●
Height Adjustable Stand [mm]	150	150	150
Other Ergonomics	Tilt, Swivel, Rotate	Tilt, Swivel, Rotate	Tilt, Swivel, Rotate
Bezel Width [mm]	12.0	14.6	15.7
Dimensions with stand (W x H x D)	402.3 x 410.7 x 247.3	439.2 x 415.5 x 247.3	464.8 x 424.8 x 247.3
Weight with stand [kg]	8.4	9.7	10.7
TCO	-	-	-



90 SERIES

CRITICAL PERFORMANCE
SUPERIOR PANELS
ADVANCED ERGONOMICS

19" | 20" | 21"



P SERIES

SUPERIOR PANELS
HIGH RESOLUTION
ADVANCED CONNECTIVITY
DISPLAYPORT
ERGONOMICS

22" W | 24" W



PA SERIES

ULTIMATE PERFORMANCE
SUPERIOR IMAGE INC P-IPS
HIGH RESOLUTION
3D LOOK UP TABLES
DISPLAYPORT
ERGONOMICS

23" W | 24" W | 27" W | 30" W

	P221W	P241W	PA231W	PA241W	PA271W	PA301W
Order Code	60002509 / 60002508	60003163 / 60003162	60002928 / 60002927	60002697 / 60002696	60002925	60002926
Colour Versions	B / W	B / W	B / W	B / W	B	B
Panel Technology	SPVA / CCFL	IPS / CCFL	IPS / CCFL	10 Bit P-IPS / CCFL	10 Bit P-IPS / CCFL	10 Bit P-IPS / CCFL
Screen Size [inch / cm]	22.0 / 55.9	24.1 / 61.1	23.0 / 58.4	24.1 / 61.1	27.0 / 68.5	29.8 / 75.6
Aspect Ratio	16:10	16:10	16:9	16:10	16:9	16:10
Colour Gamut AdobeRGB / NTSC [%]	98% / 92%	76% / 72%	76% / 72%	107% / 102%	107% / 102%	107% / 102%
Brightness (typ.) [cd/m ²]	300	360	270	360	300	350
Contrast (typ.)	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
Response Time (typ. G to G) [ms]	6	8	8	8	7	6
Colours [Mio.]	16.77	16.77	16.77	1073	1073	1073
Resolution at 60 Hz	1680 x 1050	1920 x 1200	1920 x 1080	1920 x 1200	2560 x 1440	2560 x 1600
Connectors	DVI-I, VGA	DisplayPort, 2 x DVI-D, VGA, 3 x USB	DisplayPort, 2 x DVI-D, VGA, 3 x USB	DisplayPort, 2 x DVI-D, VGA, 3 x USB	DisplayPort, 2 x DVI-D, 3 x USB	2 x DisplayPort, 2 x DVI-D, 3 x USB
Power Use Max / ECO [W]	62 / 50	95 / 36	46 / 37	95 / 45	117 / 58	155 / 90
Power Saving Mode [W]	2	1	1	1	1.4	1.7
Internal Power Supply	●	●	●	●	●	●
Height Adjustable Stand [mm]	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
Bezel Width [mm]	15.3	18.2	16.2	18.2	20.3	22.3
Dimensions with stand (W x H x D)	506.4 x 410.0 x 247.3	556.8 x 337.4 x 227.6	543.6 x 338.0 x 227.6	556.8 x 378.0 x 227.6	640.4 x 396.2 x 235.5	688.0 x 466.4 x 301.6
Weight with stand [kg]	8.5	10.6	10.2	10.6	13.6	18.8
TCO	-	-	●	-	-	-



3
YEARS
WARRANTY

90 SERIES | P SERIES | PA SERIES PROFESSIONAL REFERENCE

FOR MORE DETAILED INFORMATION: PLEASE VISIT WWW.NEC-DISPLAY-SOLUTIONS.COM

	SV231	SV Ref241	SV Ref271	SV Ref301
Order Code	60002930	60002993	60002992	60002929
Colour Versions	B	B	B	B
Panel Technology	IPS / CCFL	10 Bit P-IPS / CCFL	10 Bit P-IPS / CCFL	10 Bit P-IPS / CCFL
Screen Size [inch / cm]	23.0 / 58.4	24.1 / 61.1	27.0 / 68.5	29.8 / 75.6
Aspect Ratio	16:9	16:10	16:9	16:10
Colour Gamut AdobeRGB / NTSC [%]	76% / 72%	107% / 102%	107% / 102%	107% / 102%
Brightness (typ.) [cd/m ²]	270	360	300	350
Contrast (typ.)	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
Response Time (typ. G to G) [ms]	8	8	7	7
Colours [Mio.]	16.77	1073	1073	1073
Resolution at 60 Hz	1920 x 1080	1920 x 1200	2560 x 1440	2560 x 1600
Connectors	DisplayPort, 2 x DVI-D, Analog, 3 x USB	DisplayPort, 2 x DVI-D, Analog, 3 x USB	DisplayPort, 2 x DVI-D, 3 x USB	2 x DisplayPort, 2 x DVI-D, 3 x USB
Power Use Normal / ECO [W]	46 / 27	95 / 45	117 / 58	155 / 90
Power Saving Mode [W]	1	1	1.4	1.7
Internal Power Supply	•	•	•	•
Height Adjustable Stand [mm]	150	150	150	150
Other Ergonomics	Tilt, Swivel, Rotate	Tilt, Swivel, Rotate	Tilt, Swivel, Rotate	Tilt, Swivel, Rotate
Bezel Width [mm]	16.2	18.2	20.3	22.3
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	688.0 x 465.0 x 302.0
Weight with stand [kg]	10.2	10.6	13.6	18.8
TCO	•	•	-	-



ALL SV REFERENCE DISPLAYS INCLUDE A HOOD AND CALIBRATION SOFTWARE

SPECTRAVIEW® COLOUR CRITICAL DISPLAYS

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

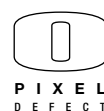
Brilliant picture quality for accurate colour reproduction, precise calibration options with SpectraView® Profiler 5.0 software, Picture in Picture, Integrated USB hub, Backlight Ageing Correction, Wide Colour Gamut, 3D LUT Colour Space Emulation, integrated gamma correction and optimum ergonomics thanks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



SV REFERENCE SERIES®

COLOUR CRITICAL
10 BIT P-IPS PANELS, 3D LOOK UP TABLES
WIDE COLOUR GAMUT
OVER 1 BILLION COLOURS
HARDWARE CALIBRATION

24" W | 27" W | 30" W



MEDICAL DISPLAYS

MD SERIES

HOSPITAL WIDE PORTFOLIO
PAN EUROPEAN SERVICE
PRIMARY DIAGNOSTIC
DICOM CALIBRATION
COLOUR AND GRAYSCALE

2MP, 3MP, 4MP, 5MP (COLOUR / GRAYSCALE)



Please refer to the Medical Product Overview, or
www.medical.nec-display-solutions.com for more information.

MDview 193	19", 1.3MP, Colour	Medical Review
MDview 202	20", 2MP, Colour	Medical Review
MDview 213	21", 2MP, Colour	Medical Review
MDview 231	23" Wide, 2.1MP, Colour	Medical Review
MDview 241	24" Wide, 2.3MP, Colour	Medical Review
MDview 271	27" Wide, 3.7MP, Colour	Medical Review
MD213MG	21", 3MP, Grayscale	Medical Diagnostic
MD215MG	21", 5MP, Grayscale	Mammography
MD212MC	21", 2MP, Colour	Medical Diagnostic
MD213MC	21", 3MP, Colour	Medical Diagnostic
MD301C4	30" Wide, 4MP, Colour	Medical Diagnostic

SPECIALITY | SPECTRAVIEW® COLOUR REFERENCE | MD MEDICAL

FOR MORE DETAILED INFORMATION: PLEASE VISIT WWW.NEC-DISPLAY-SOLUTIONS.COM



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 lead the market for Signage Solutions you can Trust.

Backed by a unique combination of Pan European Service and an established Partner Network throughout Europe, Middle East and Africa, NEC are committed to ensuring that your signage installations are a success from the day of installation and throughout their reasonable life-cycle. NEC are the first choice of users that regard performance and consistency as essential.

SERIES	POSITIONING	IDEAL APPLICATIONS
V	ENTRY LEVEL COMMERCIAL	Commercial Grade, Highly Featured Large Format Displays that are ideal for Corporate, Retail and Non-Mission Critical Applications
P	PROFESSIONAL 24/7 REFERENCE	'Reference Standard' Displays that combine High Quality Panels, with Advanced Heat Management and Powerful OSD Features that make them ideal for Business Critical Applications in Transportation, Retail, Finance, Corporate and Medical
X	SPECIALIST 24/7 REFERENCE	A range of Application-Driven Displays that include 24/7 'Reference Standard' Videowall Displays and Slim-Slim, Stylish Displays for prestigious installations in Corporates and Transportation. Models also include High Brightness and a Bar Type Half Profile Display for use in restricted spaces.

NEW RELEASES

- X463UN

46" DIRECT LED BACKLIT VIDEOWALL DISPLAY WITH EXCELLENT IMAGE QUALITY AND 24/7 PERFORMANCE, IDEAL FOR CORPORATE FOYERS, TRANSPORTATION OR ANY LOCATION THAT DEMANDS IMAGE AND RELIABILITY. UP TO 40% LESS POWER REQUIRED COMPARED TO CCFL PRODUCTS
- P552

52" PROFESSIONAL REFERENCE DISPLAY WITH EXCELLENT IMAGE QUALITY AND 24/7 PERFORMANCE, IDEAL FOR TRANSPORTATION, CONTROL ROOMS AND CORPORATES OR ANY APPLICATION THAT DEMANDS IMAGE AND RELIABILITY.

CHOOSING THE RIGHT LED BACKLIGHT

EDGE LED BACKLIGHTING

Edge LEDs have a row of white LEDs at the top and bottom. A professional 55" screen with 600cd/m² brightness such as the MultiSync X551S will have approximately 296 LEDs in total delivering similar brightness to CCFL, but consuming up to 50% less power. Edge LED is popular because it enables a very slim design which takes LCD product design to a new level.

DIRECT LED BACKLIGHTING

Direct LED systems, have many rows of LEDs across the entire screen similar to the array of CCFL lamps. A 55" screen such as MultiSync X551UN features

six rows of LEDs with 160 LEDs in each row. Direct LED has better picture quality and brightness. LEDs are spread evenly across the screen so brightness uniformity is superb. It is also easier for direct LED systems to achieve higher brightness levels while power consumption is lower than that of CCFL systems but higher than edge backlit displays.

In the professional arena, adoption of LED backlit products has been slower with the need to establish trusted performance first. NEC were the first to launch a fully professional product with a truly professional panel (MultiSync X461S) and are committed to launching further LED backlit displays that combine the best of NEC performance and innovation with this new ECO technology.



PUBLIC DISPLAYS

	V321	V422	V462	V551	V651
Order Code	60002699	60003168	60003169	60003170	60003147
Panel Technology / Backlight	S-PVA / CCFL	S-IPS / CCFL	S-PVA / CCFL	S-PVA / CCFL	AMVA3 / CCFL
Screen Size [inch / cm]	32 / 80	42 / 106.68	46 / 117	55 / 140	65 / 164
Aspect Ratio	16:9	16:9	16:9	16:9	16:9
Pixel Pitch [mm]	0.511	0.485	0.530	0.630	0.744
Brightness (Max.) [cd/m2]	450	500	450	450	500
Contrast (typ.)	3000:1	1300:1	3000:1	3000:1	5000:1
Viewing Angle Hor / Vert [°]	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178
Response Time grey-grey (typ.) [ms]	8	10	8	8	8
Colours [Mio.]	16.77	16.77	16.77	16.77	16.77
Native Resolution at 60 Hz	1366 x 768	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Special Connectors	DVI-D, HDMI, S-Video	DVI-D, HDMI, DisplayPort, S-Video	DVI-D, HDMI, DisplayPort, S-Video	DVI-D, HDMI, DisplayPort, S-Video	DVI-D, HDMI, DisplayPort, S-Video
RGBHV, PC + Component/Composite	-	1	1	1	1
Slot-In Option	-	STv1 or STv2	STv1 or STv2	STv1 or STv2	STv1 or STv2
Power Use Normal [W]	76	155	165	260	330
Power Saving Mode [W]	<2	<1	<1	<1	<1
Power Management VESA DPMS	●	●	●	●	●
Dimensions (W x H x D) [mm]	789 x 476 x 133	1023 x 614 x 106	1122 x 769 x 107	1318 x 776 x 119	1540 x 909 x 119
Weight [kg]	14.3	22.0	25.3	38.0	54.0
Bezel Width T - B / L - R [mm]	44.2 / 40.5	43.3 / 44.2	45.0 / 50.4	52.1 / 45.6	50.5 / 53.5
Integrated Speakers	-	2 x 10W	2 x 10W	2 x 10W	2 x 10W
Energy Star	●	●	●	●	●



V SERIES

COMMERCIAL GRADE
AFFORDABLE QUALITY
DISPLAYPORT, HDMI
FULL HD MODELS

32" | 42" | 46" | 55" | 65"

	P402	P462	P552	P701
Order Code	60003171	60003172	60003173	60002800
Panel Technology / Backlight	S-PVA / CCFL	S-PVA / CCFL	S-PVA / CCFL	S-PVA / CCFL
Screen Size [inch / cm]	40 / 102	46 / 117	55 / 139	70 / 178
Aspect Ratio	16:9	16:9	16:9	16:9
Pixel Pitch [mm]	0.461	0.53	0.63	0.807
Brightness (Max.) [cd/m2]	700	700	700	600
Contrast (typ.)	3000:1	3500:1	3000:1	2000:1
Viewing Angle Hor / Vert [°]	178 / 178	178 / 178	178 / 178	178 / 178
Response Time grey-grey (typ.) [ms]	8	8	8	8
Colours [Mio.]	16.77	16.77	16.77	16.77
Native Resolution at 60 Hz	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Special Connectors	DVI-D, HDMI, DisplayPort, S-Video	DVI-D, HDMI, DisplayPort, S-Video	DVI-D, HDMI, DisplayPort, S-Video	DVI-D, HDMI, DisplayPort, S-Video
RGBHV, PC + Component/Composite	1	1	-	-
Slot-In Option	STv1 or STv2	STv1 or STv2	STv1 or STv2	STv1
Power Use Normal [W]	145	155	280	600
Power Saving Mode [W]	<1	<1	<2	<1
Power Management VESA DPMS	●	●	●	●
Dimensions (W x H x D) [mm]	920 x 532 x 103	1055 x 609 x 103	1250 x 721 x 150	1682 x 1004 x 198
Weight [kg]	20.8	23.8	40	96
Bezel Width T - B / L - R [mm]	15.5 / 15.5	16.5 / 16.5	18.5 / 18.5	63.4 / 62.4
Integrated Speakers	2 x 10W	2 x 10W	-	-
Energy Star	●	●	●	-



P SERIES

24/ 7 REFERENCE PERFORMANCE
THIN BEZEL, FULL HD
SUPERIOR PANELS
ADVANCED HEAT MANAGEMENT
DISPLAYPORT, HDMI

40" | 46" | 55" | 70"

V SERIES ENTRY LEVEL COMMERCIAL P SERIES PROFESSIONAL REFERENCE

FOR MORE DETAILED INFORMATION: PLEASE VISIT WWW.NEC-DISPLAY-SOLUTIONS.COM

PUBLIC DISPLAYS

	X462HB	X461UNV	X462UN	X463UN	X551UN	LCD8205
Order Code	60003174	60003055	60003021	60003302	60003146	60002612
Panel Technology / Backlight	S-PVA / CCFL	S-PVA / CCFL	S-PVA / CCFL	S-PVA / Direct LED	S-PVA / Direct LED	S-PVA / CCFL
Screen Size [inch / cm]	46 / 117	46 / 117	46 / 117	46 / 117	55 / 139	82 / 207
Aspect Ratio	16:9	16:9	16:9	16:9	16:9	16:9
Pixel Pitch [mm]	0.746	0.746	0.746	0.746	0.63	0.941
Brightness (Max.) [cd/m2]	1500	450	700	700	700	600
Contrast (typ.)	3500:1	3000:1	3000:1	TBD	4000:1	2000:1
Viewing Angle Hor / Vert [°]	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178
Response Time grey-grey (typ.) [ms]	8	8	8	8	8	8
Colours [Mio.]	16.77	16.77	16.77	16.77	16.77	16.77
Native Resolution at 60 Hz	1366 x 768	1366 x 768	1366 x 768	1920 x 1080	1920 x 1080	1920 x 1080
Special Connectors	DVI-D, HDMI, S-Video	DVI-D, HDMI, DisplayPort, S-Video	DVI-D, HDMI, DisplayPort, S-Video	TBD	DVI-D, HDMI, DisplayPort, S-Video	DVI-I, HDMI, S-Video
RGBHV, PC + Component/Composite	-	1	-	TBD	1	-
Slot-In Option	STv1	STv1	STv1	STv1 or STv2	STv1 or STv2	-
Power Use Normal [W]	320	125	200	120	190	280
Power Use Savings Mode [W]	<1	<1	<2	<1	<1	<2
Power Management VESA DPMS	•	•	•	•	•	•
Dimensions (W x H x D) [mm]	1055 x 609 x 140	1026 x 579 x 128	1026 x 580 x 128	TBD	1215 x 686 x 128	1250 x 721 150
Weight [kg]	31	26.8	29	24.4	36.4	40
Bezel Width T - B / L - R [mm]	16.5 / 17.0	4.6 T/L 2.7 B/R	4.3 T/L 2.7 B/R	3.7 T/L 1.8 B/R	3.7 T/L 1.8 B/R	18.5
Integrated Speakers	-	-	-	-	-	-
Energy Star	•	•	•	•	•	-



XUN SERIES

VALUE AND REFERENCE MODELS
24/7 TRUSTED PERFORMANCE
DIRECT LED BACKLIGHTING (X551UN)
EDGE COMPENSATION (X462UN)
DISPLAYPORT, HDMI
ADVANCED HEAT MANAGEMENT

46" | 55"



XS SERIES

SLIM - SLIM ELEGANT DESIGN
24/7 REFERENCE PERFORMANCE
EDGE LED BACKLIGHTING
DISPLAYPORT, HDMI
ULTRA LIGHT WEIGHT
40% LESS POWER CONSUMPTION

46" | 55"

X SERIES | SPECIALIST EXTREME

FOR MORE DETAILED INFORMATION: PLEASE VISIT WWW.NEC-DISPLAY-SOLUTIONS.COM

X461S	X551S
60003056	60003057
S-PVA / Edge LED	S-PVA / Edge LED
46 / 117	55 / 139
16:9	16:9
0.53	0.63
600	600
3000:1	4000:1
178 / 178	178 / 178
8	8
16.77	16.77
1920 x 1080	1920 x 1080
DVI-D, HDMI, DisplayPort, S-Video	DVI-D, HDMI, DisplayPort, S-Video
-	-
STv2	STv2
135	155
<1	<1
•	•
1063 x 618 x 43	1254 x 726 x 43
18.9	23.9
21.0 / 21.0	21.0 / 21.0
2 x 5W	2 x 5W
•	•

The Ultra-Slim Profile XS Series



LED MODULES

INDOOR AND OUTDOOR
6MM AND 15MM PITCH
IP2 AND IP65
NICHIA LAMPS
SERVICE SOLUTIONS
50 x 50CM MODULES

LED06AF1

LED15BF1

Order Code	60003000	60003001
Pixel Configuration	3-in-1 SMD (Black)	1R/1G/1B Through-Hole
Number of Pixel per Tile [dot]	80 x 80	32 x 32
Number of Pixel per m ²	160 x 160	64 x 64
Pixel Pitch [mm]	6.25	15.625
Brightness (typ.) [cd/m ²]	2000	7500
Contrast Ratio (typ.)	3500:1	4500:1
Viewing Angle Hor / Vert [°]	±75 / ±70	±70 / +15 to -30
Colour Processing	14 bit	16 bit
Dimming Capability	64 level	64 level
Gamma Correction	1.8/2.0/2.2 / 2.4	1.8/2.0/2.2 / 2.4
Colour Temperature [K]	3200, 5000, 6500 (default), 7500, 9300	3200, 5000, 6500 (default), 7500, 9300
Refresh Rate	> 800 Hz	> 800 Hz
Digital Inputs	DVI-D Dual Link In/Out	DVI-D Dual Link In/Out
Power Use on Mode [W]	235W (Full White); 78% 50% grey level	235W (Full White); 78% 50% grey level
Dimensions (W x H x D) [mm]	500 x 500 x 170	500 x 500 x 170
Weight [kg]	12.5	14.0
IP Level	IP2	IP65
Life Time [hours]	> 100,000	> 100,000



VD1

Video Input Connection	DVI-D
Optimum Resolution	1024 x 768 at 60Hz
Output Connectors	DVI-D x 8 with RS-422 control for LED modules DVI-D x 1 for cascade connection of video distributor
Dimensions W x H x D [mm]	480 x 98 x 325
Weight [kg]	4.6
Power Use on Mode [W]	15
Operating Temperature [°C]	-20 to 40
Operating Humidity [%]	10 to 90
Storage Temperature [°C]	-30 to 60
Storage Humidity [%]	10 to 90

PUBLIC DISPLAY OPTIONS

MOUNTING SOLUTIONS WALL MOUNTS

WALL MOUNT v MODEL		X461UNV	X462UN	X463UN	X551UN	X462HB	X461S	X551S	P402	P462	P552	P701	LCD8205	V321	V422	V462	V551	V651
WALL MOUNTS	ORDER CODE	COMPATIBILITY																
NEC W32-70	100012555	●	●	TBD	●	●	●	●	●	●	●	●	-	●	●	●	●	●
NEC WMS32-55L	100012666	●	●	TBD	●	●	●	●	●	●	●	-	-	●	●	●	●	-
NEC WMS32-55P	100012665	●	●	TBD	●	●	●	●	●	●	●	-	-	●	●	●	●	-
NEC W82 L	100012463	-	-	TBD	-	-	-	-	-	-	-	-	●	-	-	-	-	-
NEC W82 P	100012463	-	-	TBD	-	-	-	-	-	-	-	-	●	-	-	-	-	-
NEC WM-BT	100012686	-	-	TBD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEC WM-46S-L	100012829	-	-	TBD	-	-	●	●	-	-	-	-	-	-	-	-	-	-
NEC WM-46S-P	100012830	-	-	TBD	-	-	●	●	-	-	-	-	-	-	-	-	-	-
EasyFrame X46UN	SOLD AS KITS	●	●	TBD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EasyFrame X55UN	SOLD AS KITS	-	-	TBD	●	-	-	-	-	-	-	-	-	-	-	-	-	-
VIDEOWALL MOUNTS	ORDER CODE	COMPATIBILITY																
NEC WM-CHIEF Front Serviceable	100012730	●	●	TBD	●	●	●	●	-	●	●	-	-	-	-	●	●	-
NEC WM-46UN L	100012475	●	●	TBD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEC WM-46UN P	100012481	●	●	TBD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEC WM-55UN-L	100012784	-	-	TBD	●	-	-	-	-	-	-	-	-	-	-	-	-	-
NEC WM-55UN-P	100012783	-	-	TBD	●	-	-	-	-	-	-	-	-	-	-	-	-	-
NEC WM-46UN Chief	100012476	●	●	TBD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEC VWM-fixed2 X46UN L	100012763	●	●	TBD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEC VWM-fixed3 X46UN L	100012763	●	●	TBD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEC VWM-fixed2x2 X55UN L	TBC	-	-	TBD	●	-	-	-	-	-	-	-	-	-	-	-	-	-
NEC WM-46UN High	100012474	●	●	TBD	-	-	-	-	-	-	-	-	-	-	-	-	-	-

VIDEOWALL OPTIONS

VIDEOWALL ACCESSORIES		X462UN	X463UN	X461UNV	X551UN
ACCESSORY	ORDER CODE	COMPATIBILITY			
KT-46UN-OF	100012478	●	●	●	-
KT-55UN-OF	100012785	-	-	-	●
REMOTE CONTROL KIT (KT-RC)	100012479	●	●	●	●
CALIBRATION KIT (KT-LFD-CC)	100012942	●	●	●	●



●	Perfect Compatibility
●	Compatibility is Possible
-	Not Compatible

SPEAKER COMPATIBILITY

SPEAKER v MODEL		X461UNV	X462UN	X463UN	X551UN	X462HB	X461S	X551S	P402	P462	P552	P701	LCD8205	V321	V422	V462	V551	V651
SPEAKER	ORDER CODE																	
SP-P4046	100012491	-	-	-	-	●	-	-	-	-	-	-	-	-	-	-	-	-
SP-4046PV	100012831	-	-	-	-	-	-	-	●	●	-	-	-	-	●	●	-	-
SP-RM1	100012663	-	-	-	○	●	○	○	-	○	○	●	-	-	○	○	○	○
SP-3215	100012313	-	-	-	-	-	-	-	-	-	-	-	-	●	-	-	-	-
Speakers Built-In		-	-	-	-	-	●	●	●	●	-	-	-	-	●	●	●	●
No Speaker Option		●	●	●	-	-	-	-	-	-	-	-	●	-	-	-	-	-



P552 with SP-RM1 installed

●	Available Now
○	Integrated, bulge from surface of back cover
-	Not Compatible

SLOT-IN OPTIONS STv1 | STv2



- A. STv2 Board
- B. Dual Slot Adaptor
- C. STv2 Board In STv1 Adaptor



Naming	Detail	Explanation
STv1	Slot Technology Version 1	This is the traditional NEC Option Slot
STv2	Slot Technology Version 2	This new slot is compatible with NEC / Intel OPS Standard
Dual Slot	STv1 and STv2	Products that can house either STv1 or STv2 boards

MORE POWER TO YOUR SIGNAGE

Select one of many powerful upgrade options today or even integrate new technology in the future. With no cables required due to internal connection for power, video, audio and control, the option slot also fits neatly within the display or projector profile for a more elegant installation.

SINGLE SERVICE POINT

An NEC Display Device that incorporates an Option Board uniquely gives the customer one service contact and matching warranties for the display or projector and the board and in the case that servicing is required, a slot product can easily be removed and serviced separately with the display in tact.

FUTURE PROOFING YOUR DISPLAY

Option Slots give your display an 'upgrade ready' path for today's boards and additionally, compatible boards that may be developed in the future. They also are exchangeable between compatible products either directly or in certain cases using a cradle meaning that they form a useful element in your display solutions for the entire site.

OPTION BOARD v PD MODELS			X462JUN	X463JUN	X461UUNV	X551UN	X462HB	X461S	X551S	P402	P462	P552	P701	LCD8205	V321	V422	V462	V551	V651
SLOT OPTION	FORMAT	ORDER CODE	STv1	Dual	STv1	Dual	STv1	STv2	STv2	Dual	Dual	STv1	STv1	N/A	N/A	Dual	Dual	Dual	Dual
Atom 1.6*	STv1	100012722	●	●	●	●	●	-	-	●	●	●	●	-	-	●	●	●	●
Celeron 1.2*	STv1	100012721	●	●	●	●	●	-	-	●	●	●	●	-	-	●	●	●	●
Core2Duo 1.86*	STv1	100012720	●	●	●	●	●	-	-	●	●	●	●	-	-	●	●	●	●
Core i5 2.5*	STv1	100012840	●	●	●	●	●	-	-	●	●	●	●	-	-	●	●	●	●
PC Atom 1.6	STv2	100012899	-	●	-	●	-	●	●	●	●	-	-	-	-	●	●	●	●
Celeron 1.86	STv2	100012859	-	●	-	●	-	●	●	●	●	-	-	-	-	●	●	●	●
Core i5 2.4	STv2	100012860	-	●	-	●	-	●	●	●	●	-	-	-	-	●	●	●	●
HD-SDI Internal	STv2 / 1.5G	100012893	-	●	-	●	-	●	●	●	●	-	-	-	-	●	●	●	●
HD-SDI	STv1	100012053	●	●	●	●	●	-	-	●	●	●	●	-	-	●	●	●	●
DVBT Tuner	STv1	100012624	●	●	●	●	●	-	-	●	●	●	●	-	-	●	●	●	●
Mediaplayer	STv1	100012498	●	●	●	●	●	-	-	●	●	●	●	-	-	●	●	●	●
CAT 5 Signal Distr.	STv1	On Request	●	●	●	●	●	-	-	●	●	●	●	-	-	●	●	●	●
DVI Daisy chain	STv1	100012311	●	●	●	●	●	-	-	●	●	●	●	-	-	●	●	●	●
Dual Slot STv2 Adaptor	-	100012868	-	●	-	●	-	-	-	●	●	-	-	-	-	●	●	●	●

OPTION BOARD v PROJECTORS			PH1000U	PX700W	PX750U	PX800X
SLOT OPTION	FORMAT	ORDER CODE	STv2	STv2	STv2	STv2
PC Atom 1.6	STv2	100012899	●	●	●	●
Celeron 1.86	STv2	100012859	●	●	●	●
Core i5 2.4	STv2	100012860	●	●	●	●
HD-SDI Internal	STv2 / 1.5G	100012893	●	●	●	●

●	Compatible
●	Compatible using Optional STv2 Adaptor
-	Not Compatible

* Please note that all other SBC configurations have the same compatibility characteristics

NEC OPTION SLOT BENEFITS

Expansion and Future Proofing Built into the Display/ Projector

An Elegant, Unobtrusive, Cable-Free Installation

Two Expansion Slot Formats for Extra Flexibility

New Slot-in Computers with lowest power consumption

Single Service Point for a Display / Projector and Integrated Board



New High Brightness, Heavy Duty Installation models, which draw upon NEC's leadership in the Digital Cinema market combined with a comprehensive range of Mobile, Conventional and Specialist Projectors for the Classroom or Corporate

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

SERIES	POSITIONING	IDEAL APPLICATIONS
L	LED MOBILE	NEW Attractive, Gloss Black LED Projector with, Extreme Light Weight and Long Life making this a Strong Ecological Projector ideal for Corporates that require Performance and Next Generation Looks.
NP	MOBILE	These Small Footprint, Lightweight, Attractive Business Style Projectors offer Almost Instant High Quality Projection that is Ideal for Larger Corporates and Salesmen on the Move.
V	VALUE	Environmentally friendly Projectors for Corporates and Higher Education with Low Cost of Ownership and Great Optical Performance
M	MULTIPURPOSE	Flexible Range of Standard, Wide and Short Throw ECO Projectors that are ideal for Education, Corporates and Public Sector.
U	ULTRA SHORT THROW	Ideal high quality 'no glare', 'no shadow' projectors for Education and Corporates with space saving requirements.
P	PROFESSIONAL	Higher Quality, Higher Brightness. More Robust Models that are ideal for Corporate Conference Rooms.
PA	PROFESSIONAL ADVANCED	Heavy Duty, High Quality, High Resolution, ideal for Serious Corporate Applications and High End Education.
PX	PROFESSIONAL EXTREME	24/7 Performance, High Brightness and Resolutions ideal for Signage, Museums, Corporates, Control Rooms Simulation and Rental
PH	PROFESSIONAL HIGH END	3 Chip Outstanding Picture Quality and Network Flexibility, ideal for Staging, Rentals, Universities and CAD/ CAM
NC	DIGITAL CINEMA	World Leading Cinema Projectors for Multi-National Chains or Single Venues.



L SERIES

500 ANSI
WXGA

STYLISH GLOSS LINES
LED LIGHT SOURCE
LIGHTWEIGHT 1.2KGS
PC-LESS PRESENTATION
SD CARD READER
SPEAKER

PROJECTORS



3
YEARS
WARRANTY

6
MONTHS
FOR LAMP

	L50W	NP64
Order Code	60003191	60003016
Display	LED Light Source (No Lamp Required)	DLP 1 x 1.4 cm (0.55") DDR DMD Chip
Aspect Ratio	16:10	4:3
Native Resolution	1280 x 800 (WXGA)	1024 x 768 (XGA)
Brightness [ANSI Lumens]	500	3000
Contrast Ratio	2500:1	1600:1
Power Use Normal / ECO [W AC]	100	220 / 170
Lamp Life Normal / ECO [hrs.]	20,000 (50% Brightness)	2500 / 3500
Projection Factor	1.4 : 1	1.8 – 2.16 : 1
Projection Distance [m]	0.52 - 3	1.44 – 13.45
Projection Angle [°]	13.8	12.3-15.0
Screen Size (min / max) [cm (inch)]	50.8 / 254 (20 / 100)	84 / 762 (33 / 300)
Zoom / Focus	Digital / Manual	Manual / Manual
Connectors	HDMI, SD Card, USB A & B, RGB In, 1 x Audio In	RGB In, USB A, PC Control, S-Video, Video, 1 x Audio
Dimensions (W x H x D) [mm]	220 x 41 x 170	246 x 72 x 177
Weight [kg]	1.2	1.7
Speakers (mono) [W]	1 x 2 (mono)	1 x 0.3
TCO	-	-
Education Warranty Available	-	-



	V230X	V260	V260W	V260X	V300W	V300X
Order Code	60003177	60003176	60003180	60003178	60003181	60003179
Display	DLP 1 x 1.4 cm (0.55") DDR DMD Chip	DLP 1 x 1.4 cm (0.55") DDR DMD Chip	DLP 1 x 1.4 cm (0.55") DDR DMD Chip	DLP 1 x 1.4 cm (0.55") DDR DMD Chip	DLP 1 x 1.4 cm (0.65") DDR DMD Chip	DLP 1 x 1.4 cm (0.55") DDR DMD Chip
Aspect Ratio	4:3	4:3	16:10	4:3	16:10	4:3
Native Resolution	1024 x 768 (XGA)	800 x 600 (SVGA)	1280 x 800 (WXGA)	1024 x 768 (XGA)	1280 x 800 (WXGA)	1024 x 768 (XGA)
Brightness [ANSI Lumens]	2300	2600	2600	2600	3000	3000
Contrast Ratio	2000:1	2000:1	2000:1	2000:1	2000:1	2000:1
Power Use Normal / ECO [W AC]	180 / 160	180 / 160	180 / 160	180 / 160	225 / 170	225 / 170
Lamp Life Normal / ECO [hrs.]	3500 / 5000	3500 / 5000	3000 / 5000	3000 / 5000	3000 / 5000	3000 / 5000
Projection Factor	1.95 – 2.15 : 1	1.95 – 2.15 : 1	1.95 – 2.15 : 1	1.95 – 2.15 : 1	1.95 – 2.15 : 1	1.95 – 2.15 : 1
Projection Distance [m]	1.2 – 13	1.2 – 13	1.2 – 13	1.2 – 13	1 - 10.9	1 - 10.9
Projection Angle [°]	12.8-14.0	12.8-14.0	12.8-14.0	12.8-14.0	12.9-14.1	12.9-14.1
Screen Size (min / max) [cm (inch)]	76 / 762 (30 / 300)	76 / 762 (30 / 300)	76 / 762 (30 / 300)	76 / 762 (30 / 300)	76 / 762 (30 / 300)	76 / 762 (30 / 300)
Zoom / Focus	Manual / Manual	Manual / Manual	Manual / Manual	Manual / Manual	Manual / Manual	Manual / Manual
Connectors	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 RGB In, PC Control, LAN, 1 x RGB out, HDMI, S-Video, Video, Audio: 3 x In, 1 x Out	2 x RGB In, PC Control, LAN, 1 x RGB out, HDMI, S-Video, Video, Audio: 3 x In, 1 x Out	2 x RGB In, PC Control, LAN, 1 x RGB out, HDMI, S-Video, Video, Audio: 3 x In, 1 x Out	2 x RGB In, PC Control, LAN, 1 x RGB out, HDMI, S-Video, Video, Audio: 3 x In, 1 x Out
Dimensions (W x H x D) [mm]	310 x 95 x 247	310 x 95 x 247	310 x 95 x 247	310 x 95 x 247	310 x 95 x 247	310 x 95 x 247
Weight [kg]	2.5	2.5	2.5	2.5	2.5	2.5
Speakers (mono) [W]	1 x 7	1 x 7	1 x 7	1 x 7	1 x 7	1 x 7
TCO	●	-	-	●	-	●
Education Warranty Available	-	-	-	-	-	-

NP | L MOBILE

V SERIES | VALUE

FOR MORE DETAILED INFORMATION: PLEASE VISIT WWW.NEC-DISPLAY-SOLUTIONS.COM

PROJECTORS

	M230X	M260W	M260X	M300W	M300X	M350X	M420X
Order Code	60002958	60002963	60002962	60002968	60002967	60002972	60003131
Display	3 x 1.6 cm (0.63") p-Si LCD Panel	3 x 1.5 cm (0.59"), p-Si LCD Panel with MLA	3 x 1.6 cm (0.63") p-Si LCD Panel	3 x 1.5 cm (0.59"), p-Si LCD Panel with MLA	3 x 1.6 cm (0.63"), p-Si LCD Panel with MLA	3 x 1.6 cm (0.63"), p-Si LCD Panel with MLA	3 x 1.6 cm (0.63"), p-Si LCD Panel with MLA
Aspect Ratio	4:3	16:10	4:3	16:10	4:3	4:3	4:3
Native Resolution	1024 x 768 (XGA)	1280 x 800 (WXGA)	1024 x 768 (XGA)	1280 x 800 (WXGA)	1024 x 768 (XGA)	1024 x 768 (XGA)	1024 x 768 (XGA)
Brightness [ANSI Lumens]	2300	2600	2600	3000	3000	3500	4200
Contrast Ratio	2000:1	2000:1	2000:1	2000:1	2000:1	2000:1	2000:1
Lamp Power Normal / ECO [W AC]	180 / 145	180 / 145	180 / 145	230 / 175	180 / 145	230 / 175	265 / 195
Lamp Life Normal / ECO [hrs.]	5000 / 6000	5000 / 6000	5000 / 6000	4000 / 5000	5000 / 6000	4000 / 5000	3000 / 3500
Projection Factor	1.3 – 2.2 : 1	1.3 – 2.2 : 1	1.3 – 2.2 : 1	1.3 – 2.2 : 1	1.3 – 2.2 : 1	1.3 – 2.2 : 1	1.3 – 2.2 : 1
Projection Distance [m]	0.6 – 13.8	0.7 – 14.7	0.6 – 13.8	0.7 – 14.7	0.6 – 13.8	0.6 – 13.8	0.6 – 13.8
Projection Angle [°]	6.5 - 11.4	6.5 - 11.4	6.5 - 11.4	6.5 - 11.4	6.5 - 11.4	6.5 - 11.4	6.5 - 11.4
Screen Size (min / max) [cm (inch)]	63.5 / 762 (25 / 300)	63.5 / 762 (25 / 300)	63.5 / 762 (25 / 300)	63.5 / 762 (25 / 300)	63.5 / 762 (25 / 300)	63.5 / 762 (25 / 300)	63.5 / 762 (25 / 300)
Zoom / Focus	Manual / Manual	Manual / Manual	Manual / Manual	Manual / Manual	Manual / Manual	Manual / Manual	Manual / Manual
Connectors	2 x RGB In, HDMI, S-Video, 2 x USB A, 1 x B, LAN, PC Control, 1 x RGB out, Video, Audio: 3 In, 1 Out, Optional WLAN	2 x RGB In, HDMI, S-Video, 2 x USB A, 1 x B, LAN, PC Control, 1 x RGB out, Video, Audio: 3 In, 1 Out, Optional WLAN	2 x RGB In, HDMI, S-Video, 2 x USB A, 1 x B, LAN, PC Control, 1 x RGB out, Video, Audio: 3 In, 1 Out, Optional WLAN	2 x RGB In, HDMI, S-Video, 2 x USB A, 1 x B, LAN, PC Control, 1 x RGB out, Video, Audio: 3 In, 1 Out, Optional WLAN	2 x RGB In, HDMI, S-Video, 2 x USB A, 1 x B, LAN, PC Control, 1 x RGB out, Video, Audio: 3 In, 1 Out, Optional WLAN	2 x RGB In, HDMI, S-Video, 2 x USB A, 1 x B, LAN, PC Control, 1 x RGB out, Video, Audio: 3 In, 1 Out, Optional WLAN	2 x RGB In, HDMI, S-Video, 2 x USB A, 1 x B, LAN, PC Control, 1 x RGB out, Video, Audio: 3 In, 1 Out, Optional WLAN
Dimensions (W x H x D) [mm]	339 x 99 x 257	339 x 99 x 257	339 x 99 x 257	339 x 99 x 257	339 x 99 x 257	339 x 99 x 257	398 x 115 x 282
Weight [kg]	2.9	2.9	2.9	2.99	2.9	2.99	3.6
Speakers (mono) [W]	1 x 10	1 x 10	1 x 10	1 x 10	1 x 10	1 x 10	1 x 10
TCO	•	•	•	•	•	•	-
Education Warranty Available	•	•	•	•	•	•	•

	M260WS	M260XS	M300WS	M300XS	M350XS
Order Code	60003072	60003074	60003075	60003076	60003077
Display	3 x 1.5 cm (0.59"), p-Si LCD Panel with MLA	3 x 1.6 cm (0.63"), p-Si LCD Panel with MLA	3 x 1.5 cm (0.59"), p-Si LCD Panel with MLA	3 x 1.6 cm (0.63"), p-Si LCD Panel with MLA	3 x 1.6 cm (0.63"), p-Si LCD Panel with MLA
Aspect Ratio	16:10	4:3	16:10	4:3	4:3
Native Resolution	1280 x 800 (WXGA)	1024 x 768 (XGA)	1280 x 800 (WXGA)	1024 x 768 (XGA)	1024 x 768 (XGA)
Brightness [ANSI Lumens]	2600	2600	3000	3000	3500
Contrast Ratio	2000:1	2000:1	2000:1	2000:1	2000:1
Lamp Power Normal / ECO [W AC]	230 / 175	185 / 145	265 / 195	230 / 175	265 / 195
Lamp Life Normal / ECO [hrs.]	4000 / 5000	5000 / 6000	3000 / 3500	4000 / 5000	3000 / 3500
Projection Factor	0.47 : 1	0.47 : 1	0.47 : 1	0.47 : 1	0.47 : 1
Projection Distance [m]	0.6 – 1.1	0.6 – 1.1	0.6 – 1.1	0.6 – 1.1	0.6 – 1.1
Projection Angle [°]	37.3 - 38.6	37.3 - 38.6	37.3 - 38.6	37.3 - 38.6	37.3 - 38.6
Screen Size (min / max) [cm (inch)]	152.4 / 279.4 (60 / 110)	152.4 / 279.4 (60 / 110)	152.4 / 279.4 (60 / 110)	152.4 / 279.4 (60 / 110)	152.4 / 279.4 (60 / 110)
Zoom / Focus	Digital / Manual	Digital / Manual	Digital / Manual	Digital / Manual	Digital / Manual
Connectors	2 x RGB In, HDMI, S-Video, 2 x USB A, 1 x B, LAN, PC Control, 1 x RGB out, Video, Audio: 3 In, 1 Out, Optional WLAN	2 x RGB In, HDMI, S-Video, 2 x USB A, 1 x B, LAN, PC Control, 1 x RGB out, Video, Audio: 3 In, 1 Out, Optional WLAN	2 x RGB In, HDMI, S-Video, 2 x USB A, 1 x B, LAN, PC Control, 1 x RGB out, Video, Audio: 3 In, 1 Out, Optional WLAN	2 x RGB In, HDMI, S-Video, 2 x USB A, 1 x B, LAN, PC Control, 1 x RGB out, Video, Audio: 3 In, 1 Out, Optional WLAN	2 x RGB In, HDMI, S-Video, 2 x USB A, 1 x B, LAN, PC Control, 1 x RGB out, Video, Audio: 3 In, 1 Out, Optional WLAN
Dimensions (W x H x D) [mm]	398 x 140 x 309.5	398 x 140 x 309.5	398 x 140 x 309.5	398 x 140 x 309.5	398 x 140 x 309.5
Weight [kg]	4	4	4	4	4
Speakers (mono) [W]	1 x 10	1 x 10	1 x 10	1 x 10	1 x 10
TCO	•	•	•	•	•
Education Warranty Available	•	•	•	•	•

3
YEARS
WARRANTY

6
MONTHS
FOR LAMP

ECO
INNOVATION

M SERIES | MULTI-PURPOSE SHORT THROW

FOR MORE DETAILED INFORMATION: PLEASE VISIT WWW.NEC-DISPLAY-SOLUTIONS.COM

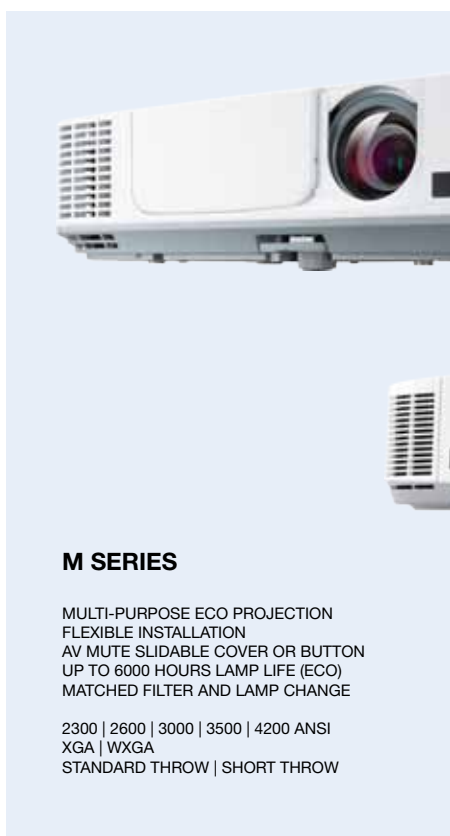


U SERIES

ULTRA SHORT THROW
INCLUDES WALL MOUNT
3D READY
EDUCATION WARRANTY AVAILABLE

2500 | 2600 | 3000 | 3100 ANSI
XGA | WXGA

	U250X	U260W	U300X	U310W
Order Code	60002965	60002966	60002971	60003068
Display	DLP 1 x 1.4 cm (0.55") 2x LVDS DMD	DLP 1 x 1.65 cm (0.65") 2x LVDS DMD	DLP 1 x 1.65 cm (0.55") 2x LVDS DMD	DLP 1 x 1.65 cm (0.65") 2x LVDS DMD
Aspect Ratio	4:3	16:10	4:3	16:10
Native Resolution	1024 x 768 (XGA)	1280 x 800 (WXGA)	1024 x 768 (XGA)	1280 x 800 (WXGA)
Brightness [ANSI Lumens]	2500	2600	3000	3100
Contrast Ratio	2000:1	2000:1	2000:1	2000:1
Lamp Power Normal / ECO [W AC]	230 / 190	230 / 190	280 / 245	280 / 245
Lamp Life Normal / ECO [hrs.]	2500 / 4000	2500 / 4000	2500 / 3000	2500 / 3000
Projection Factor	0.377 : 1	0.3 : 1	0.377 : 1	0.3 : 1
Projection Distance [m]	0.132 – 0.319	0.152 – 0.319	0.132 – 0.319	0.152 – 0.319
Projection Angle [°]	55.3	55.3	55.3	55.3
Screen Size (min / max) [cm (inch)]	160 / 216 (63 / 85)	196 / 254 (77 / 100)	160 / 216 (63 / 85)	196 / 254 (77 / 100)
Zoom / Focus	Digital / Manual	Digital / Manual	Digital / Manual	Digital / Manual
Connectors	2 x RGB In, HDMI, S-Video, Video, LAN, PC Control, 1 x RGB out, Video, 3 x Audio In, 1 x Audio Out	2 x RGB In, HDMI, S-Video, Video, LAN, PC Control, 1 x RGB out, Video, 3 x Audio In, 1 x Audio Out	2 x RGB In, HDMI, S-Video, Video, LAN, PC Control, 1 x RGB out, Video, 3 x Audio In, 1 x Audio Out	2 x RGB In, HDMI, S-Video, Video, LAN, PC Control, 1 x RGB out, Video, 3 x Audio In, 1 x Audio Out
Dimensions (W x H x D) [mm]	427 x 200 x 406	427 x 200 x 406	427 x 200 x 406	427 x 200 x 406
Weight [kg]	6.5	6.5	6.5	6.5
Speakers (mono) [W]	1 x 10	1 x 10	1 x 10	1 x 10
TCO	-	-	-	-
Education Warranty Available	•	•	•	•



M SERIES

MULTI-PURPOSE ECO PROJECTION
FLEXIBLE INSTALLATION
AV MUTE SLIDABLE COVER OR BUTTON
UP TO 6000 HOURS LAMP LIFE (ECO)
MATCHED FILTER AND LAMP CHANGE

2300 | 2600 | 3000 | 3500 | 4200 ANSI
XGA | WXGA
STANDARD THROW | SHORT THROW



NeCycle, NEC's Revolutionary approach to Bio-Degradable Plastics

NeCycle™, which is the brand name of NEC's newly developed bioplastics, indicates a new style of recycling: a recycling of the material itself as well as a recycling of the CO₂ that is absorbed by the plant component that constitutes the material's main resource



PROJECTORS



P SERIES

ENTRY GRADE HIGH BRIGHTNESS
PROFESSIONAL INSTALLATION
AV MUTE SLIDABLE COVER OR BUTTON
UP TO 3000 HOURS LAMP LIFE (ECO)

3500 | 4200 ANSI
XGA | WXGA



PA SERIES

FLEXIBLE INSTALLATION, 5 OPTIONAL LENS
STACKABLE TO 4 x BRIGHTNESS
HEAVY DUTY PERFORMANCE
DISPLAYPORT AND LAN

5000 | 5500| 6000 ANSI
XGA | WXGA | WUXA

PX SERIES

24/7 REFERENCE PERFORMANCE
DUAL LAMP, BEST QUALITY TECHNOLOGY
DISPLAYPORT, LAN, INTEGRATED STv2 SLOT

7000 | 7500 | 8000 ANSI
XGA | WXGA | WUXGA



	NP4100	NP4100W	P350W	P420X	PA500U	PA500X	PA550W
Order Code	60002354	60002625	60003086	60003081	60003082	60003083	60003085
Display	1 x 1.78 cm (0.7") DMD Chip - DLP™ Technology	1 x 1.65 cm (0.65") DMD Chip - DLP™ Technology	3 x 1.5 cm (0.59") p-Si LCD Panel with MLA	3 x 1.6 cm (0.63") p-Si LCD Panel with MLA	3 x 1.93 cm (0.76") p-Si inorganic LCD Panel with MLA	3 x 2 cm (0.79") p-Si inorganic LCD Panel with MLA	3 x 1.9 cm (0.75") p-Si inorganic LCD Panel with MLA
Aspect Ratio	4:3	16:10	16:10	4:3	16:10	4:3	16:10
Native Resolution	1024 x 768 (XGA)	1280 x 800 (WXGA)	1280 x 800 (WXGA)	1024 x 768 (XGA)	1920 x 1200 (WUXGA)	1024 x 768 (XGA)	1280 x 800 (WXGA)
Brightness [ANSI Lumens]	6200	5500	3500	4200	5000	5000	5500
Brightness in Eco Mode [approx. %]	80%	80%	80%	80%	80%	80%	80%
Contrast Ratio (DB™ = with DynamicBlack™)	2100:1 DB™	2100:1 DB™	2000:1	2000:1	2000:1	2000:1	2000:1
Lamp Power Normal / ECO [W/UHP AC]	2 x 280 / 2 x 224	2 x 280 / 2 x 224	265 / 195	265 / 195	330 / 264	330 / 264	330 / 264
Lamp Life Normal / ECO [hrs.]	2000 / 3000	2000 / 3000	3000 / 3500	3000 / 3500	3000 / 4000	3000 / 4000	3000 / 4000
Lens [mm]	optional	optional	F= 1.7–2.0, f= 19.8–23.7	F= 1.7–2.07, f= 18.9–22.7	optional	optional	optional
Lens: optional bayonet lenses (LM = with lens memory)	6	6	-	-	5	5	5
Projection Factor (std. option)	1.78 – 2.35 : 1 (NP08ZL)	1.78 – 2.35 : 1 (NP08ZL)	1.3 – 2.2 : 1	1.3 – 2.2 : 1	1.5-3.02:1 (NP13ZL)	1.5-3.02:1 (NP13ZL)	1.5-3.02:1 (NP13ZL)
Projection Distance [m]	1.42 – 24.35 (NP08ZL)	1.42 – 24.35 (NP08ZL)	0.7 – 14.6	0.7 – 11.0	0.70 (NP11FL) 76.4 (NP15ZL)	0.50 (NP11FL) 76.4 (NP15ZL)	0.50 (NP11FL) 76.4 (NP15ZL)
Screen Size (min. / max.) [cm (inch)]	102 (40") / 1270 (500")	102 (40") / 1270 (500")	63 (24") / 762(300")	53 (20") / 762(300")	203 (80") / 1270 (500")	203 (80") / 1270 (500")	203 (80") / 1270 (500")
Lens Adjustment	Motorised	Motorised	Manual	Manual	Manual	Manual	Manual
Connectors	DVI-D (with HDCP) S-Video, PC Control RCA In, USB B, LAN, 3 x RGB in, 1 x RGB out, 4 x Audio	DVI-D (with HDCP) S-Video, PC Control RCA In, USB B, LAN, 3 x RGB in, 1 x RGB out, 4 x Audio	HDMI®, S-Video, PC Control, RCA In, 2 x USB A, USB B, LAN, 2 x RGB in, 1 x RGB out, 3 x Audio In, 1 x Audio Out, optional W-Lan	HDMI®, S-Video, PC Control, RCA In, 2 x USB A, USB B, LAN, 2 x RGB in, 1 x RGB out, 3 x Audio In, 1 x Audio Out, optional W-Lan	DisplayPort, HDMI® S-Video, PC Control, RCA In, 2 x USB A, USB B, LAN, 3 x RGB in, 1 x RGB out, 3 x Audio, Remote in, opt. W-Lan	DisplayPort, HDMI® S-Video, PC Control, RCA In, 2 x USB A, USB B, LAN, 3 x RGB in, 1 x RGB out, 3 x Audio, Remote in, opt. W-Lan	DisplayPort, HDMI® S-Video, PC Control, RCA In, 2 x USB A, USB B, LAN, 3 x RGB in, 1 x RGB out, 3 x Audio, Remote in, opt. W-Lan
Power Normal / ECO [Single Lamp W]	365 / 310	365 / 310	343 / 264	343 / 264	455 / 369	443 / 356	443 / 356
Power Network Stand-by Mode [W]	30	30	9	9	6	6	6
Power Stand-By Mode [W]	1	1	0.4	0.4	0.2	0.2	0.2
Dimensions (W x H x D) [mm]	505 x 197 x 385	505 x 197 x 385	398 x 282 x 115	398 x 282 x 115	499 x 144 x 359	499 x 144 x 359	499 x 144 x 359
Weight [kg]	17.5	17.5	3.9	3.9	7.8	7.7	7.7
Speakers [W]	2 x 3W	2 x 3W	1 x 10W	1 x 10W	1 x 10W	1 x 10W	1 x 10W

NP | P PROFESSIONAL PA | PROFESSIONAL ADVANCED

FOR MORE DETAILED INFORMATION: PLEASE VISIT WWW.NEC-DISPLAY-SOLUTIONS.COM

PH SERIES

3 CHIP DLP, HIGH-END PERFORMANCE, STV2 OPS SLOT
VERTICAL AND HORIZONTAL MOTORISED LENS SHIFT

11,000 ANSI
WUXGA



3
YEARS
WARRANTY

6
MONTHS
FOR LAMP



PA600X	PX700W	PX750U	PX800X	PH1000U
60003084	60003183	60003182	60003184	60003275
3 x 2 cm (0.79") p-Si inorganic LCD Panel with MLA	1.65 cm (0.65") DMD Chip - DLP™ Technology	1.7 cm (0.67") DMD Chip - DLP™ Technology	1.78 cm (0.7") DMD Chip - DLP™ Technology	3-Chip - DLP™ Technology
4:3	16:10	16:10	4:3	16:10
1024 x 768 (XGA)	1280 x 800 (WXGA)	1920 x 1200 (WUXGA)	1024 x 768 (XGA)	1920 x 1200 (WUXGA)
6000	7000	7500	8000	11000
80%	80%	80%	80%	80%
2000:1	2100:1 DB™	2100:1 DB™	2100:1 DB™	2000:1
330 / 264	2 x 400 / 2 x 320	2 x 400 / 2 x 320	2 x 400 / 2 x 320	2 x 400 / 2 x 320
3000 / 4000	2000 / 2500	2000 / 2500	2000 / 2500	2000 / 2500
optional	optional	optional	optional	optional
5	6 (4 with Lens Memory)	6 (4 with LM)	6 (4 with LM)	6 (4 with LM)
1.5-3.02:1 (NP13ZL)	0.74:1 & 1.25-8.3:1	0.74:1 & 1.25-8.3:1	0.74:1 & 1.25-8.3:1	0.67:1&1:1& 1.39-6.96:1
0.50 (NP11FL) 76.4 (NP15ZL)	0.8 (NP16FL) 54 (NP21ZL)	0.8 (NP16FL) 54 (NP21ZL)	0.8 (NP16FL) 54 (NP21ZL)	1.1 (NP25FL) 74 (NP29ZL)
203 (80") / 1270 (500")	127 (50") / 762 (300")	127 (50") / 762 (300")	127 (50") / 762 (300")	1.1 (NP25FL) 74 (NP29ZL)
Manual	Motorised	Motorised	Motorised	Motorised
DisplayPort, HDMI® S-Video, PC Control, RCA In, 2 x USB A, USB B, LAN 3 x RGB in, 1 x RGB out, 3 x Audio, Remote in, opt. W-Lan	DisplayPort, HDMI® S-Video, PC Control, RCA In, 2 x USB A, USB B, LAN 3 x RGB in, 1 x RGB out, 3 x Audio, Remote in, opt. W-Lan, 1 x Optional Slot	DisplayPort, HDMI® S-Video, PC Control, RCA In, 2 x USB A, USB B, LAN, 3 x RGB in, 1 x RGB out, Remote in, opt. W-Lan, 1 x Optional Slot	DisplayPort, HDMI® S-Video, PC Control, RCA In, 2 x USB A, USB B, LAN, 3 x RGB in, 1 x RGB out, Remote in, opt. W-Lan, 1 x Optional Slot	DisplayPort, HDMI® S-Video, PC Control, RCA In, 2 x USB A, USB B, LAN, 3 x RGB in, 1 x RGB out, Remote in, opt. W-Lan, 1 x Optional Slot
443 / 356	931 / 753	958 / 777	927 / 752	1050 / 840
6	18	18	23	60
0.2	0.4	0.4	0.4	0.5
499 x 144 x 359	504 x 192 x 516	504 x 192 x 516	504 x 192 x 516	570 x 250 x 560
7.7	19.7	19.7	19.7	40
1 x 10W	-	-	-	-

NC SERIES

2K AND 4K RESOLUTION 3D READY
9000 | 17000 | 31000 ANSI



	NC1200C	NC2000C
Order Code	60002948	60002815
DMD	3 x 0.98" Chip DLP™	3 x 0.98" Chip DLP™
Supported Screen Sizes	4 to 12m	up to 20m
High Efficiency Xenon Lamp	max 2.0KW	max 4.0KW
Brightness [ANSI Lumen]	9000, 2.0KW Lamp*	17000, 4.0KW Lamp*
Contrast Ratio	> 2200:1 (full on/off)	> 2200:1 (full on/off)
DMD Specifications	0.98", 12° tilt angle, 2048 x 1080 pixels	0.98", 12° tilt angle, 2048 x 1080 pixels
Primary Lenses	1.2 to 1.8:1, 1.4 to 2.05:1, 1.59 to 2.53:1, 1.9 to 3.25:1, 2.4 to 3.9:1, 3.9 to 6.5:1	1.2 to 1.8:1, 1.4 to 2.05:1, 1.59 to 2.53:1, 1.9 to 3.25:1, 2.4 to 3.9:1, 3.9 to 6.5:1
Dimensions (W x H x D) [mm]	700 x 990 x 503	700 x 990 x 503
Cooling Method	Liquid Cooling system with dust preventing electrostatic filter. Total thermal dissipation: 10,600 BTU. Projector exhaust: 10m³/min	Liquid Cooling system with dust preventing electrostatic filter. Total thermal dissipation: 18,800 BTU. Demand of Exhaust Duct 13CMM

	NC3200S	NC3240S
Order Code	60002816	60003070
DMD	3 x 1.2" Chip DLP™	3 x 1.38" Chip DLP™
Supported Screen Sizes	Up to 32m	up to 32m
High Efficiency Xenon Lamp	4.5 / 6.0 / 7.0 KW	4.5 / 6.0 / 7.0 KW
Brightness	33000, 7.0KW Lamp*	33000, 7.0KW Lamp*
Contrast Ratio	> 2200:1 (full on/off)	> 2000:1 (full on/off)
DMD Specifications	1.2", 12° tilt angle, 2048 x 1080 pixels	1.38", 12° tilt angle, 4096 x 2160 pixels
Primary Lenses	1.2 to 1.8:1, 1.4 to 2.05:1, 1.6 to 2.4:1, 1.8 to 3.0:1, 2.15 to 3.6:1, 3.0 to 4.3:1	1.13 to 1.31:1, 1.30 to 1.85:1, 1.44 to 2.16:1, 1.63 to 2.71:1, 1.95 to 3.26:1, 2.71 to 3.89:1
Dimensions (W x H x D) [mm]	700 x 1124 x 503	700 x 1124 x 503
Cooling Method	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: 35,500 BTU. Demand of Exhaust Duct 16CMM

PROJECTOR OPTIONS

PROJECTION OPTIONS

OPTION v PROJECTOR									Multi-Purpose							Short Throw					Ultra Short Throw			
		NP64	V230X	XV260	V260W	V260X	V300W	V300X	M230X	M260W	M260X	M300W	M300X	M350X	M420X	M260WS	M260XS	M300WS	M300XS	M350XS	U250X	U260W	U300X	U310W
OPTION	ORDER CODE	COMPATIBILITY																						
NP01HWM	100012760	-	-	-	-	-	-	-	-	-	-	-	-	-	-	•	•	•	•	•	•	•	•	•
NP02HWM	100012781	-	-	-	-	-	-	-	-	-	-	-	-	-	-	•	•	•	•	•	•	•	•	•
NP03HW	100012976	-	-	-	-	-	-	-	-	-	-	-	-	-	-	•	•	•	•	•	•	•	•	•
NP01WK	100012759	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	•	•	•	•
NP02WK	100012810	-	-	-	-	-	-	-	-	-	-	-	-	-	-	•	•	•	•	•	-	-	-	-
NP03WK	100012864	-	-	-	-	-	-	-	-	-	-	-	-	-	-	•	•	•	•	•	-	-	-	-
NP01UCM	100012432	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
NP02UCM	100012433	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
NP03UCM	100012434	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
NP04UCM	100012435	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
NP05UCM	100012436	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
NP06UCM	100012648	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
NP30UCM	100012437	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
NP70CM	100012901	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NP01Wi	60003314	-	-	-	-	-	-	-	-	-	-	-	-	-	-	•	•	•	•	•	•	•	•	•
NP02Wi (Including Software)	60003315	-	-	-	-	-	-	-	-	-	-	-	-	-	-	•	•	•	•	•	•	•	•	•
Wall Mount Included		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	•	•	•	•

CEILING MOUNTS		Maximum Load [kg]	Length [mm]	Tilt Roll [°]	Swivel [°]
OPTION	ORDER CODE	DETAILS			
NP01UCM	100012432	7	250	25	360
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
NP06UCM	100012648	12	500 - 750	-	-
NP30UCM	100012437	30	280 - 380	6	360
NP70CM	100012901	30	250	25	-

HEIGHT ADJUSTABLE SYSTEMS		Adjustment Type	Height Adjustment	Weight [kg]	Maximum Load [kg]
NP01HWM	100012760	Mechanical	500	33.5	27.0
NP02HWM	100012781	Motorised	675	48.0	40.0
NP03HW	100012976	Motorised	500	40.0	40.0

WALL MOUNTS		Weight	Suitable Board Sizes	Adjustable Width
NP01WK	100012759	6.2	63" - 85" 4:3; 77" - 100" 16:10	Front-Rear ±180 mm Left-Right ±50 mm Up-Down ±50 mm
NP02WK	100012810	7.2	60" - 80" 4:3 60" - 80" 16:10	Front-Rear ±180 mm Left-Right ±50 mm Up-Down ±50 mm
NP03WK	100012864	10.5	80" - 100" 4:3 80" - 100" 16:10	Front-Rear ±180 mm Left-Right ±50 mm Up-Down ±50 mm

MOUNT COMPATIBILITY		NP01WK	NP02WK	NP03WK
OPTION	ORDER CODE	COMPATIBILITY		
NP01HWM	100012760	•	•	•
NP02HWM	100012781	•	•	-
NP02HW	100012782	•	•	•
NP01Wi	60003314	•	•	•
NP02Wi	60003315	•	•	•

OPTION v PROJECTOR		Installation									
		P350W	P420X	PA500U	PA500X	PA550W	PA600X	PX700W	PX750U	PX800X	PH1000U
OPTION	ORDER CODE										
NP01UCM	100012432	•	•	-	-	-	-	-	-	-	-
NP02UCM	100012433	•	•	-	-	-	-	-	-	-	-
NP03UCM	100012434	•	•	-	-	-	-	-	-	-	-
NP04UCM	100012435	•	•	•	•	•	•	-	-	-	-
NP05UCM	100012436	•	•	•	•	•	•	-	-	-	-
NP06UCM	100012648	•	•	-	-	-	-	-	-	-	-
NP30UCM	100012437	•	•	•	•	•	•	-	-	-	-
NP70CM	100012901	-	-	-	-	-	-	•	•	•	-
NP01Wi (Software)	60003314	-	-	-	-	-	-	-	-	-	-
NP02Wi (Software)	60003315	-	-	-	-	-	-	-	-	-	-
Wall Mount Included		-	-	-	-	-	-	-	-	-	-
Rigging/Stacking Mount Included		-	-	-	-	-	-	-	-	-	•



World Class Pre-Sales, Post-Sales and On-Going Service and Support Options

NEC pride ourselves on delivering the very best Display Solutions that can meet the challenges of today's working environments, delivering the very best image day after day.

Our Pre-sales support teams can help you to choose which products from our wide portfolio best meet the needs of your business and an enviable EMEA Support Infrastructure means that we can provide you the Support and Service you need throughout your NEC product's ordinary lifecycle, with no restrictions across EMEA. This is also available on a worldwide basis.

In the unlikely event of a product failure we keep the warranty procedures as simple and fast as possible to get you up and running as soon as we can, dependant upon the warranty cover in place. As standard, all NEC products are supplied with a 3 Year Warranty from the date of purchase*, that for displays includes the backlight. A Network Operations Centre (NOC) which manages remote control and maintenance of installed products, is available to support installations for Digital Cinema, Installation Projectors, Public Displays and LED.

All NEC products use tried and tested high quality components and are tested to recognised exacting standards before leaving the factory.

For further information regarding NEC support available in your region, please visit the Support section of our website.

THE NEC SERVICE PROMISE

NEC uses only the highest quality components and carries out stringent quality and performance tests.

NEC has an EMEA wide support operation; in addition we have a certified partner network that provide useful first response and hand-holding support.

Our trained staff are able to take your call and conduct initial fault diagnosis.

Extended warranties or special warranties are available on many NEC products.

Additional Special Services are available such as de-install, re-install service.

3 Year Warranty does not apply to Digital Cinema products.

Green Without Compromise

The NEC Green Vision Campaign is a long-standing initiative by NEC to increase the ecological productivity associated with the use of our products through increased efficiency and to create a more sustainable society by consuming less energy and elimination of harmful materials and unnecessary waste.

We constantly strive to enhance the Ecological characteristics of our products, listed are just some of the green features you may come to expect.



The NEC Green Vision logo, representing NEC's mission to help to create a sustainable society.

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.

For more information, please visit our 'Green Vision' website.

Behind the Technology



The NEC REFERENCE designation is awarded to our products and solutions which through their performance and benefits we consider to be the market benchmark for our customers. The logo is a tangible reminder of our high quality, performance-driven Japanese heritage, our focus on award-winning design flair and our passion for state of the art leadership in innovation and meeting the demands of our customers in the most challenging applications.

Our Reference Displays and Projectors are trusted across the world in Airports, Hospitals, Arenas and Cinemas, Corporates and Institutions, where performance is critical.

	This logo is used to indicate that a product or series of products has ECO innovations that help to reduce the energy use associated with the product and/ or offers greater productivity from the same resource.
	Increasingly NEC is driven to reduce the use of harmful materials in any of our products, this may include the display itself, the plastics used, the elimination of mercury or halogen or the use of safer or smaller packaging.
	NeCycle™, which is the brand name of NEC's newly developed bioplastics, indicates a new style of recycling: a recycling of the material itself as well as a recycling of the CO ₂ that is absorbed by the plant component that constitutes the material's main resource.
	NEC has a uniquely large number of Projectors and Desktop Displays with TCO certification. TCO Certified goes beyond green by combining features such as high performance and ergonomic design with one of the toughest environmental requirements on the market.
	ENERGY STAR is a government-backed program helping businesses and individuals protect the environment through superior energy efficiency.
	EPEAT is the definitive global registry for greener electronics. It's an easy-to-use resource for purchasers, manufacturers, resellers and others wanting to find or promote environmentally preferable products. Epeat Gold meet all 23 required criteria and 75% of optional criteria.
	EPEAT is the definitive global registry for greener electronics. It's an easy-to-use resource for purchasers, manufacturers, resellers and others wanting to find or promote environmentally preferable products. Epeat Gold meet all 23 required criteria and 55% of optional criteria.
	Established in 1953, the iF product design award is today among the most important awards for innovative product design.

	Selected NEC Projectors and Digital Cinema Products are able to reproduce content in Stereoscopic 3D. The 3D NEC logo is an indication that a product can playback 3D media. For further information please visit our website www.3d-nec.com
	LED Projectors generate their image in a more efficient way than conventional LCD or DLP projection. They are able to operate at considerably lower power consumption and within a smaller chassis. This logo is displayed for LED Projectors only.
	LED Backlighting is integrated into some of our Desktop and Large Format Displays as either Direct LED Backlighting or Edge LED Backlighting. This Logo is used to indicate LED backlit displays that operate at lower power and in a smaller chassis.
	NEC specialise in creating solutions and better value options for the Education environment. This logo indicates where such special solutions or promotions including extended warranties are available for Education customers. More information is available at www.education-nec.com
	Subject to our terms of use, the standard warranty on NEC display products unless stated otherwise is 3 years return, to manufacturer. For specific terms please request a copy of our warranty terms and conditions.
	Subject to our terms of use, the standard warranty on NEC projector lamps unless stated otherwise is 6 months, return to manufacturer. For specific terms please request a copy of our warranty terms and conditions.
	Subject to our terms of use, a warranty extension from 3 years to 5 years return to manufacturer will be available on displays marked with this logo. For specific terms please request a copy of our warranty terms and conditions.
	Subject to our terms of use, where this logo is shown, Displays that have a complete pixel failure within the first 6 months of use will be repaired or exchanged under warranty.
	Subject to environmental conditions, content and change of content, products marked as 24/7 are appropriate for 24/7 use, however please refer to NEC Operational Guidelines for exact terms of use.
	Subject to environmental conditions, content and change of content, products marked as 16/7 are appropriate for 16/7 use, however please refer to NEC Operational Guidelines for exact terms of use.
	The airflow logo is an indication that the Display has advanced heat dissipation and airflow management, which is of fundamental importance to the long life and uniformity of the display.
	The logo is used to represent that a display has a Full HD, 1920 x 1080 Image.
	Many NEC products can be used in both a landscape and Portrait setup where the design has been engineered to compensate for the differing heat dissipation requirements in either mode.

DESKTOP DISPLAYS | PUBLIC DISPLAYS | PROJECTORS



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NEC Display Solutions Europe GmbH – HQ
Landshuter Allee 12-14
D-80637 München
Phone: +49 (0) 89 99 699-0
Fax: +49 (0) 89 99 699-500
infomail@nec-displays.com
www.nec-display-solutions.com

**NEC Display Solutions Europe GmbH
Representative Office Austria**
Mooslackengasse 17, 1190 Wien, Österreich
Phone: +43(1)23060 3685
Fax: +43(1)23060 3686
infomail@nec-displays.com
www.nec-display-solutions.at

**NEC Scandinavia AB Display Solutions Division
Finland**
Ahventie 4, FIN-02170
ESPOO
Finland
Phone: +358 9 348 70204
www.nec-display-solutions.fi

NEC France S.A.S. – Display Solutions Division
29 rue des Hautes Pâtures
F-92737 Nanterre Cedex, France
Phone: +33 (0) 1 46 49 46 49
Fax: +33 (0) 1 47 69 92 86
necdisplay@emea.nec.com
www.nec-display-solutions.fr

NEC Italia S.p.A. – Display Solutions Division
Viale Enrico Forlanini 23
I-20134 – Milano, Italy
Phone: +39.02.48415.1
Fax: +39.02.48414.409
info.necdisplay-it@emea.nec.com
www.nec-display-solutions.it

**NEC Display Solutions Europe GmbH
Representative Office Middle East & Africa**
Office 0205, 2nd Floor JafzaView 18, Jebel Ali
Dubai, U.A.E. PO Box 262314
Phone: +971 4 88 49 452
Fax: +971 4 88 49 453
info@nec-displays.ae, www.nec-display-solutions.com

**NEC Scandinavia AB Display Solutions Division
Norway**
Olaf Helsetsvet 6, NO-0621 Oslo
Norway
Phone: +47 (0) 22 62 89 95
Fax: +47 (0) 22 62 89 96
www.nec-display-solutions.no

**NEC Display Solutions Europe GmbH
Representative Office Poland**
ul. Bociana 22A
PL-31-231 Kraków, Poland
Phone: +48 (0) 12 614 53-53
Fax: +48 (0) 12 614 53-54
www.nec-display-solutions.pl

**NEC Display Solutions Europe GmbH
Representative Office Russia**
Smolenskaya square 3, Office 760
121099 Moscow, Russia
Phone: +7 495 937 84 10
Fax: +7 495 937 82 90
www.nec-display-solutions.ru

**NEC Display Solutions Europe GmbH
South Africa Contact**
P. O. Box 7243, Westwood, 1477
Johannesburg, South Africa
Phone: +27 (0) 11 918 6449
Fax: +27 (0) 11 894 2973
www.nec-display-solutions.co.za

NEC Iberica – Display Solutions Division
C/ Anabel Segura, 7 – Planta 2a
E- 28108 Alcobendas (Madrid)
Spain
Phone: +34 (0) 91 203 29 00
Fax: +34 (0) 91 650 11 00
www.nec-display-solutions.es

**NEC Scandinavia AB – Display Solutions Division
Sweden**
Kronborgsgränd 11, S-16487 Kista
Sweden
Phone: +46 (0) 8 635 92 00
Fax: +46 (0) 8 635 93 50
www.nec-display-solutions.se

NEC (UK) Ltd. – Display Solutions Division
NEC House
1 Victoria Road, London W3 6BL
United Kingdom
Phone: +44 (0) 870 120 1160
Fax: +44 (0) 208 752 3670
www.nec-display-solutions.co.uk