



NEC Ultra-Thin and Curved Desktop Series

**Design meets efficiency**

3-Sided Ultra-Thin

# The Smarter Workspace



## NEC MultiSync® E and EA Series

The Office Benchmark

UP  
TO 150  
mm

EA245WMi-2

NEC E and EA Series combine business-class quality with health conscious performance improving the productivity, style and well-being of your office.

**Uninterrupted Vision** - Reduce your display footprint to the minimum without compromising on visible display area especially in multi-desktop setups.

**Higher Productivity** - Improve multi-tasking, uniformity and achieve more consistent visualisation with DisplayPort Daisy-Chaining of multiple displays via centralised control. Whilst impressive height adjustment, tilt, swivel and pivot ensure the user enjoys a personally optimise working set-up.

**Eco Performance** - Save money minimising unnecessary power consumption using NEC's Human and Ambient Light Sensor to auto control power on times and brightness levels for when they are needed.

**The Safer Choice** - New Flicker-Free and Low Blue Light technology helps protect your eyes against cataracts and macular degeneration without compromise to true-to-life display colour performance.



Ultra-Thin Bezel

# The Trading Floor Benchmark



## NEC MultiSync® EX241UN Ultra-Thin Bezel Desktop

247\*  
CERTIFIED  
OPERATION

The EX241UN targets Financial Professionals who demand highest productivity, combining mission critical performance and quality, a future-ready design and best in class TCO.

**Future-Proof Multi-Screen Design** - 4-sided 0.8 mm ultra-thin bezel reduces the footprint to a minimum without compromising active screen area.

**Higher Productivity** - Improve multi-tasking, uniformity and achieve more consistent visualisation with DisplayPort Daisy-Chaining of multiple displays via centralised control. Whilst impressive height adjustment, tilt, swivel and pivot ensure the user enjoys a personally optimise working set-up.

**Efficient Installation and Configuration** - One button quick release display stand and an intuitive joystick button for menu settings. Administrate a complete multi-screen environment simply via a master display using the Control Sync function.

**The Safer Choice** - New Flicker-Free and Low Blue Light technology helps protect your eyes against cataracts and macular degeneration without compromise to true-to-life display colour performance. This is even more important when a viewer may typically be surrounded by an array of displays.

### Ideal for



Control Room and  
Monitoring



Trading Floor  
Multiple Displays



Low Cost Retail  
Digital Signage

\* Optional

Curved Desktop Display

# Expand your Horizons



## NEC MultiSync® EX341R Curved

An Immersive Display Experience

The new EX341R desktop monitor combines a wider field of view, outstanding image quality and best-in-class ergonomics to deliver maximised performance on a larger scale.

**Fatigue-Free Visual Performance** - With its curved surface, the user consistently experiences better viewing angles and reduced eye strain, no matter where the content is positioned.

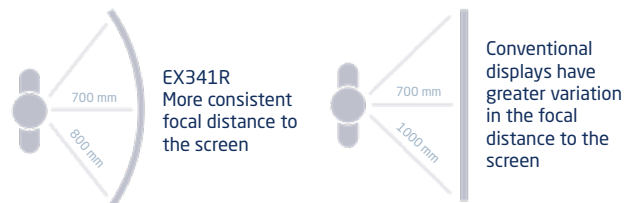
**Borderless Viewing** - Replace 2 x 24" or 3 x 19" displays with just one wide format curved screen.

**Combine Displays for a more Spacious Visualisation** - Multiple curved displays deliver totally immersive homogeneous images thanks to the Uniformity Control function and benefit from the ultra-thin-bezel, to minimise content gaps.

**A More Satisfying User Experience** - The EX341R includes the finest physical and visual ergonomics of our UN Display ranges.

**Reduced Variation in Focal Points** - The EX341R's ideal curvature delivers more consistent focal length across the display surface from a central viewing position when compared to a conventional flat display or competitive curved displays. The viewing angle also remains more perpendicular.

### Improved Viewing Angles





## Improved Viewing

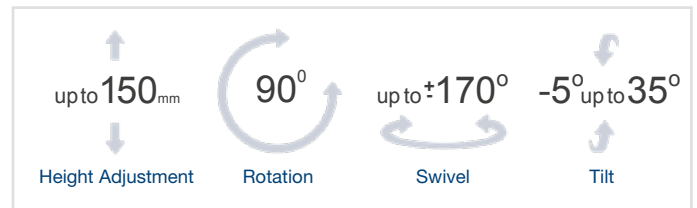
### Protection Against Eye Strain and Damage

Built-in Low Blue Light technology filters out hazardous blue light emissions whilst Flicker-Free technology eliminates any backlight flickering, thus protecting your eyes against cataracts and macular degeneration without compromise to true-to-life display colour performance.



### Optimised Ergonomics

Achieving the perfect set up for optimum productivity and comfort is simple with all displays featuring maximum adjustment. Enjoy light to touch tilt, swivel and rotation and impressive up to 150mm height adjustment (refer to specifications for model variations).



## More Control



### NaViSet Administrator 2

Unified remote management software for NEC desktop monitors, large format displays and projectors.



### TileMatrix

The Tile Matrix function enables simple automatic set up for up to 5x5 video walls resulting in significant time and cost savings during installation.

### DisplayPort Daisy Chain

This feature reduces installation time and costs by forwarding the incoming video signal through up to 25 displays.

### NEC ControlSync®

NEC ControlSync® is an innovative control and setting solution for your multiple display installations. All display settings can be easily copied to up to 5 sub-monitors. Further adjustments on the master monitor can be set to match all displays and power up and down can be synced. Alternatively brightness adjustment, audio levels or other settings can be matched across displays.



**DisplayPort Daisy Chain:**  
Distribute a single input content between displays

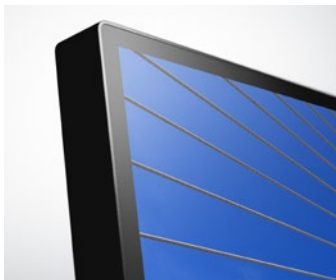
**Content setup in Tile Matrix:**  
Split video signal to different displays

# Specifications

MultiSync® Model	E221N	E241N	EA245WMI-2	EX241UN	EX341R
Order Code	60004224 (BK) 60004223 (WH)	60004222 (BK) 60004221 (WH)	60004486 (BK) 60004488 (WH)	60004064(BK) 60004065 (WH)	60004231 (BK) 60004499 (WH)
Panel Technology	IPS / W-LED	IPS / W-LED	IPS / W-LED	IPS / W-LED	VA / W-LED curved
Screen Size [inch / cm]	22 / 55	24 / 60	24 / 61	24 / 60	34 / 86
Aspect Ratio	16:9	16:9	16:10	16:9	21:9
Brightness (typ.) [cd/m <sup>2</sup> ]	250	250	300	250	290
Contrast (typ.)	1000:1	1000:1	1000:1	1000:1	3000:1
Viewing Angle Hor / Vert [°]	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178
Response Time (typ. G to G) [ms]	6	6	6	6	5
Colours [Mio.]	16.77	16.77	16.77	16.77	16.77
Resolution at 60 Hz	1920 x 1080	1920 x 1080	1920 x 1200	1920 x 1080	3440 x 1440
Connectivity	DP, HDMI, VGA	DP, HDMI, VGA	DVI-D, DP, HDMI, D-Sub, USB 3.0 (1 up 3 down)	DVI-D, DP, HDMI, D-Sub, USB 3.0 (1 up 3 down)	2 DP, 2 HDMI, DP out, USB 3.0
Power Use Max / ECO [W]	25 / 15	28 / 16	28 / 22	45 / 15	95 / 29
Power Saving Mode [W]	0.29	0.29	0.30	0.3	1.0
Internal Power Supply	•	•	•	•	•
Height Adjustable Stand [mm]	110	110	150	100	130
Other Ergonomics	tilt, swivel, rotate, low blue light, flicker free	tilt, swivel, rotate, low blue light, flicker free	tilt, swivel, rotate, low blue light, flicker free	tilt, swivel, rotate, low blue light, flicker free	tilt, swivel, rotate, low blue light, flicker free
Bezel Width T - B / L - R [mm]	1*	1*	0.8*	0.8*	1.55*
Dimensions with stand (W x H x D) [mm]	488 x 360 x 214	539 x 374 x 214	532 x 398 x 204	538 x 370 x 204	808 x 419 x 230
Weight with stand [kg]	5.0	5.5	6.0	5.6	10.5
TCO	7.0	7.0	7.0	7.0	7.0

\*T /L-R

## Design



Best in form and function design with ultra-thin bezel gives an office a fresh professional interior



Built in Human and Ambient Light Sensors which reduce unnecessary power usage and provide better long term TCO (for EX241UN available as external option)



Desktop displays are available in professional black or office white



Intuitive joystick button on rear side of the display for menu settings on EX241UN

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