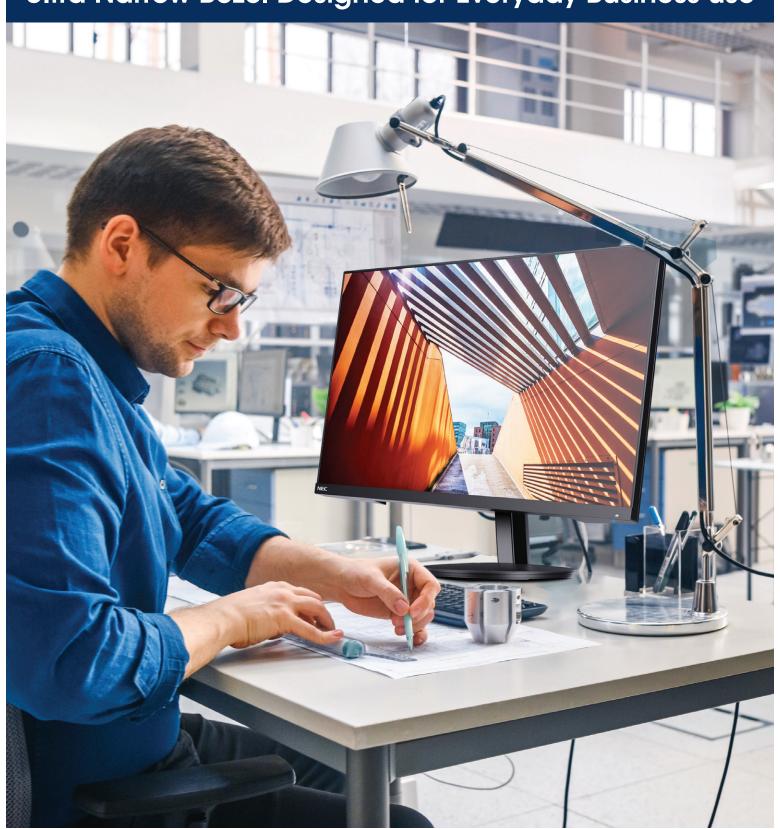**SHARP** / **NEC**

E224F / E224FL
E244F / E244FL
E274F / E274FL

MultiSync® Series Desktop Displays
Ultra Narrow Bezel Designed for Everyday Business use

Tiny bezels, large value

The Workspace Essential

Driving down costs without compromising quality, the desktop E Series presents all the reliable performance you expect from Sharp/NEC, against a very competitive price tag.

With user comfort prioritized, workspace ergonomics is a key design feature. Height adjustability to 120 mm with swivel, tilt and pivot functionality ensures a personalized set up, while built-in Low Blue Light and Flicker-Free technology protects the viewers' eyes without sacrificing best picture quality. With a fresh On-Screen Display (OSD) design, users benefit from highly intuitive operation, saving time and frustration during set up and adjustment. This Full HD display with VA screen technology is well placed to equip the home office and small to medium sized businesses for general office applications.

E Series Desktops	
22"	E224F-BK
22"	E224FL-BK
24"	E244F-BK
24"	E244FL-BK
27"	E274F-BK
27"	E274FL-BK

Highlights

- LED backlight technology provides for industry-leading low power consumption and less hazardous materials
- The 3-sided narrow bezel mechanical design allows for ideal multi-monitor applications
- Full digital connectivity, including DisplayPort, HDMI, USB-C inputs and LAN port In (RJ-45)*
- USB-C provides PD and fast data transmission of Audio/Video content*
- LAN port enables ethernet use for those devices connected to the display with no LAN port connectivity*
- Ergonomic performance ensures a full height adjustment stand, as well as swivel, tilt and dual-direction pivot functionality that helps you reach a more comfortable view
- NaViSet Administrator 2: Free software solution that greatly eases administration and management of larger display device installations
- VA screen technology allows for optimal contrast ratio
- With a fresh and intuitive On-Screen Display (OSD) design makes set-up simpler
- ECO Mode™ allows you to manually adjust the display's brightness to your liking, saving power and reducing your energy costs
- ENERGY STAR 8.0 and TCO 8.0

*USB-C and LAN port In (RJ-45) only for E224FL/E244FL/E274FL

E224F | E244F | E274F | E224FL | E244FL | E274FL

Flicker Free
TÜVRheinland CERTIFIED
www.tuv.com
ID 1419039576

Low Blue Light Content
TÜVRheinland CERTIFIED
www.tuv.com
ID 1419039574

MultiSync® E Series Ultra Narrow Features

Adjustable for Every Workspace

Four-way ergonomic stand boasts dual direction pivot, tilt, swivel and height adjustment up to 120mm to maximize your viewing comfort.
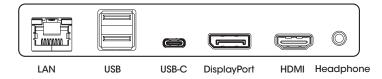
Comprehensive Input Panels

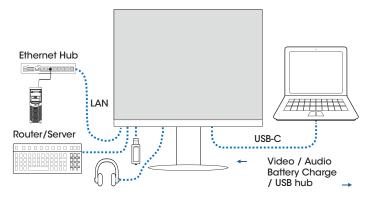DisplayPort, HDMI and 15-pin VGA* connect you to the latest peripherals and future-proofs your investment.

E224F | E244F | E274F

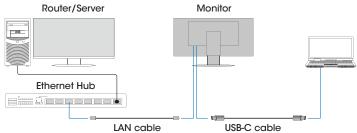| DisplayPort | HDMI | VGA | Audio IN | Headphone |

E224FL | E244FL | E274FL

| LAN | USB | USB-C | DisplayPort | HDMI | Headphone |

DisplayPort, HDMi, USB Type-C and LAN Port connect you with the latest digital devices.

IT-Friendly Features

The optional NaViSet™ Administrator 2.0 software offers an intuitive graphical interface, allowing for easy adjustment of display settings via mouse and keyboard. NaViSet Administrator provides all the advanced control to remotely located IT professionals.

Benefits of USB Type-C*

USB Type-C helps optimize connectivity with fast data/content transmissions, and declutters the workspace by replacing video, audio, power and USB cabling with just a single cable to connect and charge notebook, tablet PC, or mobile device with the display.

Ethernet Hub

Router/Server

LAN

USB-C

Video / Audio Battery Charge / USB hub

Benefits of LAN Port Connection*

LAN port allows for display to connect to user's network, in which a laptop, game console or other devices with no LAN port can simply connect to the monitor for Ethernet use.

Router/Server   Monitor

Ethernet Hub

LAN cable   USB-C cable

* USB-C and LAN port In (RJ-45) only for E224FL/E244FL/E274FL

MultiSync® Model			E224F	E244F	E274F	E224FL	E244FL	E274FL
Display	Panel Technology		VA					
	Backlight Type		LED					
	Viewable Image Size		21.45"	23.8"	27"	21.45"	23.8"	27"
	Aspect Ratio		16:9					
	Native Resolution		1920 x 1080					
	Pixel Pitch		0.25mm	0.28mm	0.31mm	0.25mm	0.28mm	0.31mm
	Pixels Per Inch (at native resolution)		102	93	82	102	93	82
	Brightness (typical)		250cd/m²					
	Contrast Ratio (typical)		3000:1	3000:1	4000:1	3000:1	3000:1	4000:1
	Colour Gamut	Adobe RGB Coverage/Size	71.8	74	74	75.3	75.3	75.3
		NTSC Coverage/Size	68.2	70.6	71.1	68.2	70.6	71.1
		sRGB Coverage/Size	92.8	95.6	95.5	92.8	95.6	95.5
	Viewing Angle (typical)		178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR≧10					
	Response Time (typical)		6					
	Displayable Colours		More than 16.7 million					
	Synchronization Range	Horizontal (Analog/Digital)	31.5-81.1 kHz					
		Vertical	~50 - ~75 Hz					
	Input Signal	Video	Analog RGB 0.7 Vp-p/75 Ohms Digital HDMI/DisplayPort ~31.5 - ~81.1kHz Horizontal Frequency, ~50Hz - ~75Hz Vertical Frequency, ~25MHz - ~165MHz Dot Clock Fequency			Digital HDMI/DisplayPort, USB Type-C ~31.5 - ~81.1kHz Horizontal Frequency, ~50Hz - ~75Hz Vertical Frequency, ~25MHz - ~165MHz Dot Clock Fequency		
		Sync	Separate Sync: TTL Level (Positive/Negative)					
	Input Connectors		DisplayPort, HDMI, VGA 15-pin D-sub			DisplayPort, HDMI, USB Type-C		
	Output Connectors		Headphone Audio					
	USB	Hub				USB 3.1, 1 up / 2 down		
		Power Delivery				USB-C Port 60W		
Power Consumption	On (typical)		14W	17W	18W	16W	19W	20W
	Power Savings Mode (typical)		0.22W	0.22W	0.25W	0.3W	0.3W	0.3W
Physical Specifications	Dimensions (WxHxD)	With stand	19.4 x 14.3 x 9.2 in. / 493.2 x 363.4 x 233.2 mm	21.3 x 15.0 x 9.2 in. / 540.5 x 381.0 x 233.2 mm	24.2 x 15.8 x 9.2 in. / 614.0 x 401.7 x 233.2 mm	19.4 x 14.3 x 9.2 in. / 493.2 x 363.4 x 233.2 mm	21.3 x 15.0 x 9.2 in. / 540.5 x 381.0 x 233.2 mm	24.2 x 15.8 x 9.2 in. / 614.0 x 401.7 x 233.2 mm
		Without stand	19.4 x 11.2 x 2.3 in. / 493.2 x 285.3 x 58.0 mm	21.3 x 12.6 x 2.3 in. / 540.5 x 320.5 x 58.0 mm	24.2 x 14.2 x 2.3 in. / 614.0 x 361.8 x 58 mm	19.4 x 11.2 x 2.3 in. / 493.2 x 285.3 x 58.0 mm	21.3 x 12.6 x 2.3 in. / 540.5 x 320.5 x 58.0 mm	24.2 x 14.2 x 2.3 in. / 614.0 x 361.8 x 58 mm
	Net Weight	With stand	11.5 lbs. / 5.2 kg	12.3 lbs. / 5.6 kg	13.9 lbs. / 6.3 kg	12.1 lbs. / 5.5 kg	13.0 lbs. / 5.9 kg	14.6 lbs. / 6.6 kg
		Without stand	6.8 lbs. / 3.1 kg	7.7 lbs. / 3.5 kg	9.3 lbs. / 4.2 kg	7.5 lbs. / 3.4 kg	8.4 lbs. / 3.8 kg	9.9 lbs. / 4.5 kg
	VESA Hole Configuration		100 x 100mm					
Environmental Conditions	Operating Temperature		41-95°F / 5-35°C					
	Operating Humidity		20-80%	20-80%	20-80%	20-80%	20-80%	20-80%
	Operating Altitude		16404 ft. / 5000m	16404 ft. / 5000m	16404 ft. / 5000m	16404 ft. / 5000m	16404 ft. / 5000m	16404 ft. / 5000m
	Storage Temperature		14-140°F / -10-60°C	14-140°F / -10-60°C	14-140°F / -10-60°C	14-140°F / -10-60°C	14-140°F / -10-60°C	14-140°F / -10-60°C
	Storage Humidity		10-85%	10-85%	10-85%	10-85%	10-85%	10-85%
	Storage Altitude		40,000 ft. / 12,192m	40,000 ft. / 12,192m	40,000 ft. / 12,192m	40,000 ft. / 12,192m	40,000 ft. / 12,192m	40,000 ft. / 12,192m
Environmental Compliance	ENERGY STAR®		8.0	8	8	8.0	8.0	8.0
	TCO		9.0	9.0	9.0	9.0	9.0	9.0
	RoHS		Yes	Yes	Yes	Yes	Yes	Yes
Additional Features			ECO Mode, Carbon footprint meter, Ultra Narrow Bezels, Tilt, Carrying handle, Audio input, Headphone output, Rapid Response, Ambix, XtraView, OSD® user controls, OSD Lock Out, Cable management, NaViSet™ Administrator 2, VESA mount, HDCP, DDC/CI, No Touch Auto Adjust, Plug & Play (VESA DDC 2B), VESA DPMS power management, Energy Star 8.0, TCO 9.0, Dynamic Video Mode, Digital controls, ISO 9241-307 Class I, Low Blue Light, Flicker Free					
Ships With			Setup manual, Contents Sheet, Energy Star 8.0 Sheet, Power cord, DisplayPort cable, Height and Tiltable Stand base			Setup Manual, Contents Sheet, Energy Star 8.0 Sheet, Power cord, DisplayPort cable, Head Angle Limitation Addendum Sheet, USB Setting Sheet, Height and Tiltable Stand base		
Limited Warranty			3 years					

Visit www.sharp.ca for details.

E224F-BK E244F-BK E274F-BK E224FL-BK E244FL-BK E274FL-BK

ENERGY STAR

SHARP / NEC

SHARP ELECTRONICS OF CANADA LTD.
335 Britannia Road East, Ste. 101
Mississauga, Ontario L4Z 1W9
1-800-567-4277 • www.sharp.ca

Printed in Canada.
VSG-VS-EFL-E-PDF-09/2023