SHARP

MultiSync® E Series
High-performance, LED-backlit LCD displays ideal for corporate environments

Business Desktops

Small bezels, big value.

The Workspace Essential

Driving down costs without compromising quality, the E Series presents all the reliable performance you expect from Sharp 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 is designed for home offices and small to medium sized businesses that are using typical office applications.

E Series Desktops	
22"	DD-E224F
22"	DD-E224FL
24"	DD-E244F
24"	DD-E244FL

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 (RJ45) *
- 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
- 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

DD-E224F | DD-E244F | DD-E224FL | DD-E244FL

TÜVRheinland® CERTIFIED — Flicker Free — www.tuv.com ID 1419039576

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

* USB-C and LAN port In (RJ45) only for DD-E224FL/DD-E244FL

MultiSync® E Series Ultra Narrow Features
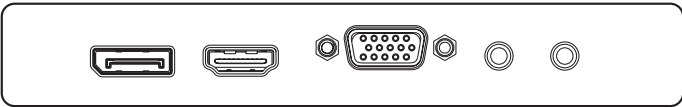
Adjustable for Every Workstation

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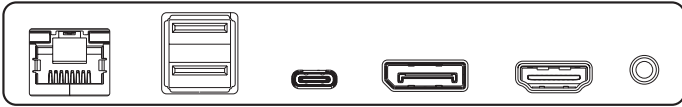
Comprehensive Input Panels

DisplayPort, HDMI and VGA connect you to legacy equipment and the latest peripherals.

DD-E224F | DD-E244F

DisplayPort   HDMI   VGA   Audio IN   Headphone
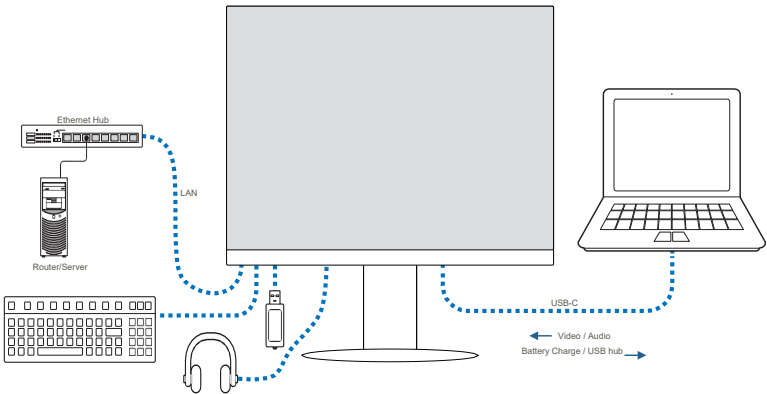
DD-E224FL | DD-E244FL

LAN   USB   USB-C   DisplayPort   HDMI   Headphone

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.
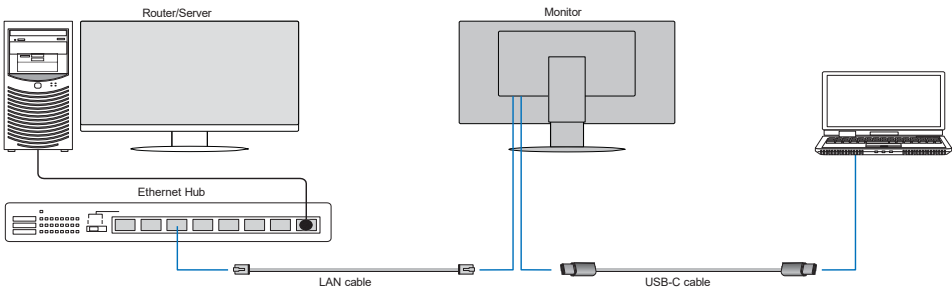
Benefits of USB Type-C*

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.

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.

* USB-C and LAN port In (RJ45) only for DD-E224FL/DD-E244FL

Specifications

MultiSync® Model			DD-E224F	DD-E224FL	DD-E244F	DD-E244FL
DISPLAY	Panel Technology		VA		IPS	
	Screen Size		22"		24"	
	Actrive Screen Area		21.45"		23.8"	
	Aspect Ratio		16:9			
	Native Resolution		FHD 1920x1080			
	Pixel Pitch		0.25mm		0.28mm	
	Pixels Per Inch (at native resolution)		102 @ native resolution		93 @ native resolution	
	Backlight Type		LED			
	Brightness (typical)		250 cd/m23,000:1			
	Contrast Ratio (typical)		3,000:1		1,000:1	
	Viewing Angle (typical)		178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10			
	Response Time (typical)		6ms			
	Refresh Rate		50-62Hz	48-75Hz	50-62Hz	48-75Hz
	Displayable Colors		More than 16.7 million			
	Color Gamut		Adobe RGB: 71.8%, NTSC: 68.2%, sRGB: 92.8%	Adobe RGB: 75.3%, NTSC: 68.2%, sRGB: 92.8%	Adobe RGB: 74%, NTSC: 70.6%, sRGB: 95.6%	Adobe RGB: 75.3%, NTSC: 71.1%, sRGB: 95.5%
	Synchronization Range	Horizontal (Analog/ Digital)	31.5-81.1kHz			
		Vertical	~50-~75Hz			
	Sync Compatiblity		Separate Sync: TTL Level (Positive/Negative)			
Connectivity	Hub	Data	N/A	USB 3.1 (Downstream) x2, USB-C (Upstream), LAN	N/A	USB 3.1 (Downstream) x2, USB-C (Upstream), LAN
		Power Delivery	N/A	60W	N/A	60W
	Input Connectors	RGB analog	VGA	N/A	VGA	N/A
		RGB1(digital)	HDMI			
		RGB2(digital)	DisplayPort			
		RGB3(digital)	N/A	USB-C	N/A	USB-C
		Audio	Stereo Mini Jack	N/A	Stereo Mini Jack	N/A
	Output Connectors	Audio Out	Stereo Mini Jack			
		Monitor Out	N/A			
POWER CONSUMPTION	On		14W	16W	17W	19W
	Power Savings Mode (typical)		0.22W	0.3W	0.22W	0.3W
	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	
		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	
	Net Weight	With stand	11.5 lbs. / 5.2 kg	12.1 lbs. / 5.5 kg	12.3 lbs. / 5.6 kg	13.0 lbs. / 5.9 kg
		Without stand	6.8 lbs. / 3.1 kg	7.5 lbs. / 3.4 kg	7.7 lbs. / 3.5 kg	8.4 lbs. / 3.8 kg
	VESA Hole Configuration		100 x 100mm			
ENVIRONMENTAL CONDITIONS	Operating Temperature		41-95°F / 5-35°C			
	Operating Humidity		20-80%			
	Operating Altitude		16404 ft. / 5000m			
	Storage Temperature		14-140°F / -10-60°C			
	Storage Humidity		10-85%			
	Storage Altitude		40,000 ft. / 12,192m			
ENVIRONMENTAL COMPLIANCE	ENERGY STAR		8			
	TCO		9			
	RoHS		Yes			
ADDITIONAL FEATURES			ECO Mode, Carbon footprint meter, Ultra Narrow Bezels, Tilt, Carrying handle, Headphone output, Rapid Response, Ambix, XtraView, OSD® user controls, OSD Lock Out, Cable management, NaViSet™ Administrator 2, VESA mounting compatible, HDCP, DDC/CI, Plug and Play (VESA DDC 2B), VESA DPMS power management, Energy Star 8.0, TCO 9.0, Dynamic Video Mode, Digital controls, ISO 9241-307 Class l, Low Blue Light, Flicker Free			
SHIPS WITH			Setup sheet, User manual, Power cord, DisplayPort cable, VGA cable, Stand			
LIMITED WARRANTY			3 years			

Specifications subject to change

DD-E224F-BK   DD-E244F-BK   DD-E224FL-BK   DD-E244FL-BK