

SHARP

MultiSync® EA Series

High-performance, LED-backlit LCD displays
ideal for corporate environments

Business Desktops



Reimagine your desktop computing experience.

With the MultiSync EA Series, Sharp has developed monitor solutions that push the boundaries of what you've come to know as business-class screen performance. The EA Series deliver a completely redesigned chassis with a host of enhanced features, advanced technologies, future-proof connectivity and environmentally friendly benefits. All models utilize IPS LCD panels, which boast the best possible color accuracy and minimal viewing angle shift.

Every model features LED backlights, enabling a thin and light design. Other green features include ECO Mode™, a carbon footprint meter and an ambient light sensor, which automatically adjusts the brightness to the optimal setting depending on ambient lighting, screen content or both, conserving power up to 87% compared to typical energy consumption. In addition, the human sensor detects user activity in front of the monitor and reduces display power up to 95% with inactivity.

The ground breaking ControlSync™** technology allows users to control up to six select MultiSync EA Series units in a multi-monitor configuration. Upon establishing one unit as the master, you will be able to simultaneously control many performance attributes of the multi-monitor setup through the master monitor.

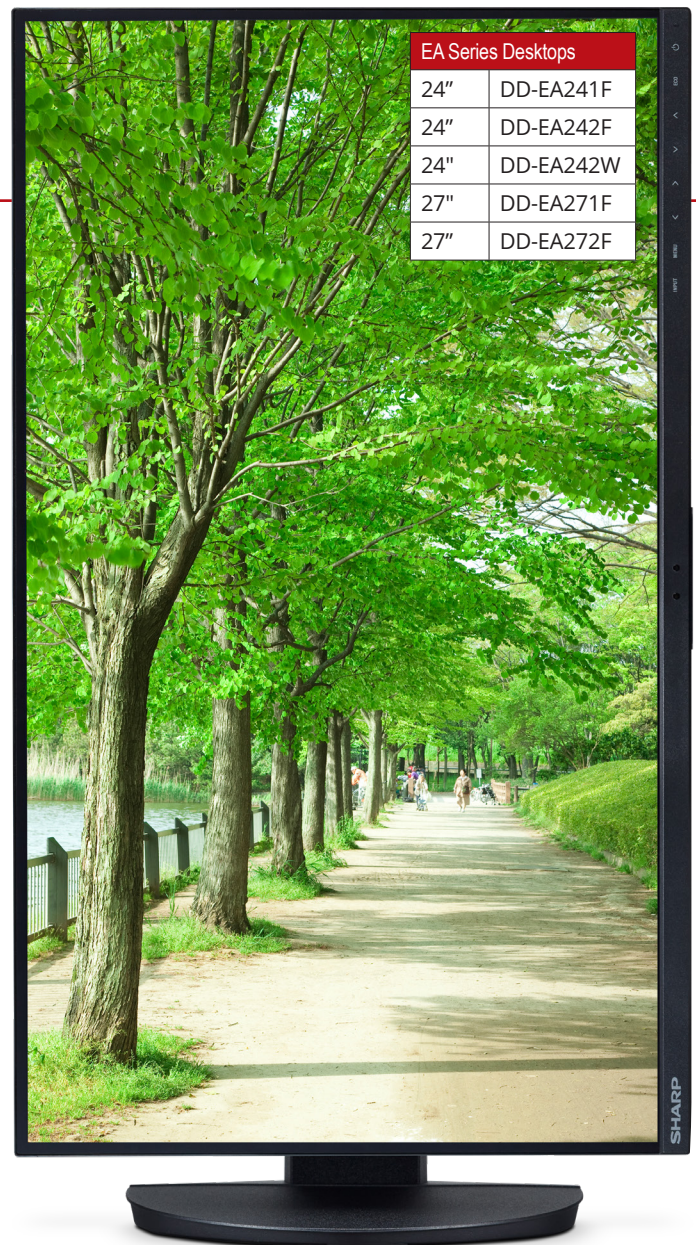
*EA242W not supported

Highlights

- 1.0mm or smaller ultra narrow bezels let you focus on your work and are ideal for multiple monitor configurations
- USB Type-C port* gives flexibility to connect to multiple platforms (EA242W, EA242F, EA272F)
- USB Type-C input* charges a mobile device while showing video and using USB (EA242W, EA242F, EA272F)
- Includes Sharp's own ControlSync** technology to allow users to easily control multiple Sharp displays.
- Four-way ergonomic stand boasts pivot, tilt, swivel and height adjustment maximize your viewing comfort
- Touch-sensitive OSD® controls are integrated into the bezel, making display adjustments easier than ever
- Integrated USB hub easily connects you to your peripherals
- DisplayPort 1.2 out for convenient multi-monitor connectivity (EA242W, EA242F, EA272F)
- ENERGY STAR® compliance reduces electrical costs and lowers total cost of ownership

*select models

**EA242W not supported





MultiSync EA Series Features

Multiple Monitor Technologies

The ground breaking ControlSync™* technology allows users to control up to six select MultiSync EA Series units in a multi-monitor configuration. Upon establishing one unit as the master, you will be able to simultaneously control many performance attributes of the multi-monitor setup through the master monitor. ControlSync enables multi-monitor setups of up to six monitors and controls up to 26 settings.

*Select models

Comprehensive Input Panel

DisplayPort, USB-C*, HDMI, DVI-D* and 15-pin VGA*, as well as USB hubs connect you to the latest peripherals and future-proofs your investment.

*Select models



USB-C Connectivity*

USB-C helps optimize connectivity and declutter the workspace by replacing video, audio, power, and USB cabling with just a single cable to connect and charge a notebook, tablet PC, or mobile device with the display. (EA242W, EA242F, EA272F)

*Select models

Power-saving Features

Include ECO Mode™, a carbon footprint meter and an ambient light sensor, which automatically adjusts the brightness to the optimal setting depending on ambient lighting, screen content or both, conserving power up to 87% compared to typical energy consumption. In addition, the human sensor detects user activity in front of the monitor and reduces display power up to 95% with inactivity.



Adjustable for Every Workspace

Four-way ergonomic stand boasts pivot, tilt, swivel and height adjustment up to 130mm to maximize your viewing comfort. In addition, Space-saving multimedia speakers are hidden to maintain the monitor's aesthetic appeal (headphone jack also included).



Smart Sensing Technologies

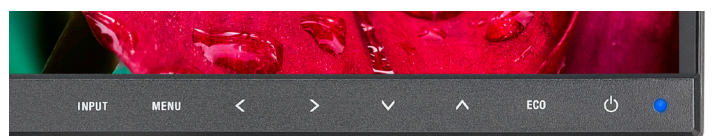
Smart sensing technology includes ambient light and human sensors, which considerably reduce power consumption by automatically detecting your work conditions and adjusting to the proper display brightness or entering Power Saving Mode.



IT-Friendly Features

Customize Setting allows both users and IT administrators to set and restore preferred settings with just one touch, contributing to a free-seating business environment.

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.



MODEL			DD-EA241F		DD-EA242F		DD-EA242W		DD-EA271F		DD-EA272F	
DISPLAY	Panel Technology		IPS									
	Viewable Image Size		24"					27"				
	Aspect Ratio		16X9									
	Native Resolution		FHD 1920x1080									
	Pixel Pitch		0.28mm		0.27mm		0.31mm					
	Pixels Per Inch (at native resolution)		93 @ native resolution			94 @ native resolution		82 @ native resolution				
	Backlight Type		LED									
	Brightness (typical)		250 cd/m² 1,000:1			300 cd/m² 1,000:1		250 cd/m² 1,000:1				
	Contrast Ratio (typical)		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				
	Active Screen Area		20.7 x 11.7 in. / 527.0 x 296.5 mm			20.4 x 12.7 in. / 518.4 x 324.0 mm		23.5 x 13.2 in. / 597.9 x 336.3 mm				
Displayable Colors		More than 16.7 million										
Lookup Table												
Color Gamut*		Adobe RGB Coverage/Size**	Adobe RGB Coverage/Size: 73.6% / 75.3%, NTSC Coverage/Size: 69.5% / 72.0%, sRGB Coverage/Size: 95.1% / 101.6%			Adobe RGB Coverage/Size: 77.0% / 79.3%, NTSC Coverage/Size: 73.1% / 75.7%, sRGB Coverage/Size: 99.8% / 106.9%		Adobe RGB Coverage/Size: 73.5% / 75.5%, NTSC Coverage/Size: 69.5% / 72.1%, sRGB Coverage/Size: 95.1% / 101.6%				
Synchronization Range	Horizontal (Analog/Digital)		31.5-75kHz		31.5-83kHz		31.5-77kHz		31.5-83kHz			
	Vertical		50-75Hz				50-60Hz		56-75Hz			
Signal Compatibility	Supported Video Standards		NTSC, NTSC4.43, PAL, PAL-60, PAL-M, PAL-N, SECAM									
	Sync Compatibility		Separate Sync / Composite Sync / Sync on G									
Connectivity	Hub	Data	USB-A 3.1 (Downstream) x3, USB-B (Upstream), ControlSync (In/Out)		USB-A 3.1 (Downstream) x3, USB-B, USB-C (Upstream), ControlSync (In/Out)		USB-A 3.1 (Downstream) x2, USB-C (Upstream), LAN		USB-A 3.1 (Downstream) x3, USB-B (Upstream), ControlSync (In/Out)		USB-A 3.1 (Downstream) x3, USB-B, USB-C (Upstream), ControlSync (In/Out)	
		Power Delivery			65W		65W				65W	
	Input Connectors	RGB analog	VGA 15-pin D-sub		VGA 15-pin D-sub				VGA 15-pin D-sub		VGA 15-pin D-sub	
		Audio 1			Stereo Mini Jack				Stereo Mini Jack		Stereo Mini Jack	
		RGB1(digital)						HDMI				
		RGB2(digital)						DisplayPort				
	Output Connectors	RGB3(digital)						DVI-D				
		Audio Out						Stereo Mini Jack				
POWER CONSUMPTION	On		15W		19W		17W		19W			
	Power Savings Mode (typical)		0.29W		0.3W		0.27W		0.3W			
	Input Current											
	Power Requirements		100-240V AC, 50/60 Hz									
PHYSICAL SPECIFICATIONS	Dimensions (WxHxD)	With stand	21.2 x 13.3-19.2 x 9.8 in. / 537.7 x 336.6-486.6 x 250 mm			20.9 x 14.4-20.3 x 9.8 in. / 531.5 x 365.3-515.3 x 250.0 mm		24.0 x 14.9 - 20.8 x 9.8 in. / 610.2 x 377.3 - 527.3 x 250 mm				
		Without stand	21.2 x 12.6 x 1.8 in. / 537.7 x 319.1 x 45.6 mm			20.9 x 13.7 x 1.9 in. / 531.5 x 347.8 x 47.6 mm		24 x 14.2 x 1.8 in. / 610.2 x 359.8 x 45.6 mm				
	Net Weight	With stand	13.4 lbs. / 6.1 kg		14.8 lbs. / 6.7 kg		16.8 lbs. / 7.6 kg					
		Without stand	7.9 lbs. / 3.6 kg		9.3 lbs. / 4.2 kg		11 lbs. / 5 kg					
ENVIRONMENTAL CONDITIONS	VESA Hole Configuration		100 x 100mm									
	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		8		8		8		8	
	TCO		9		9				9		9	
	RoHS		Yes									
	TCO		9		9		9		9		9	
ADDITIONAL FEATURES			Tilt, Swivel, Pivot, Height-adjustable stand, ControlSync, Customize Setting, Integrated speakers, 3-port USB 3.1 hub, LED backlight, Auto brightness with ambient light sensor, Human sensor, ECO Mode, Carbon footprint meter, Resettable cost meter, Ultra-narrow bezel, Carrying handle, Rapid Response, Ambix, XtraView, Hot Key, Touch OSD controls, OSD Lock Out, Cable management, Dynamic Visual Mode (Standard, Text, Movie, Gaming, Photo, Dynamic), NaViSet software, VESA mount, HDCP, DDC/CI, No Touch Auto Adjust, Plug and Play (VESA DDC2B), VESA DPMS power management, AccuColor color control, Digital smoothing, Digital controls, ISO 9241-307 Class I, DICOM SIM					SpectraViewII Compatible, ControlSync, Customize Setting, Integrated speakers, 3-port USB hub, LED backlight, Auto brightness with ambient light sensor, Human sensor, ECO Mode, Carbon footprint meter, Resettable cost meter, Ultra-narrow bezel, Tilt, Swivel, Dual Direction Pivot, Height-adjustable stand, Rapid Response, Ambix, XtraView, Hot Key, OSD Lock Out, Cable management, Dynamic Visual Mode, NaViSet software, VESA mount, HDCP, DDC/CI, No Touch Auto Adjust, Plug and Play (VESA DDC2B), VESA DPMS power management, AccuColor color control, Digital controls, ISO 9241-307 Class I				
SHIPS WITH			Setup sheet, User manual, Power cord, DisplayPort cable, USB cable, ControlSync cable									
LIMITED WARRANTY			3 years									

Comprehensive input panel (select models)

EA242W

Touch-sensitive OSD controls

USB 3.0 hub (select models)

4-way adjustable stand

Thin, lightweight design with integrated speakers

Ambient and human sensors