27E3U7903/00

Offered in several hues, this 5K 27-inch monitor is not only meant to be a centerpiece for your home, but also has Thunderbolt™ 4 compatibility, automatic screen calibration through Calman Ready, and HDR 600 certification.

reddot winner 2024

GENERAL	
Brand	Philips Monitors/MMD
Description	Brilliance 27E3U7903 5K monitor
Footnotes	- For USB-C power and charging function, your Notebook/device must support USB-C standard Power Delivery specifications. Please check with your Notebook user manual or manufacturer for more details. - For Video transmission via USB-C, your Notebook/device must support USB-C DP Alt mode - REC709 Coverage on CIE1931, Adobe RGB and DCI-P3 Coverage based on CIE1976, sRGB Area based on CIE1931, NTSC Area based on CIE1976. - Low blue light compliance: The ratio of display emission light in the range from 415 - 455 nm to the display emission of 400 - 500 nm shall be less than 50%. - Please note that the PowerSensor 2 is only functional with Windows 11 installed. When PowerSensor 2 is activated, WAL means Walk Away Lock and WOA means Wake On. - Please note that the Webcam with Auto Framing feature, including its Zoom In/Out functionality for both long and short distances, is controlled and operated by AI Control. - The products and accessories listed on this leaflet may differ by country and region. - The monitor may look different from feature images.

DISPLAY INFORMATION	
Effective viewing area	596.736(H) x 335.664(V)mm
Display Screen coating	Front Glass with Anti-Reflection. Anti-Finger 7%, 7H
Response time (typical)	4 ms (Gray to Gray)*

Brightness	500 cd/m²
Contrast ratio (typical)	2000:1
Pixel Pitch	0.11655 x 0.11655mm
Viewing Angle	178º (H) / 178º (V); @ C/R > 10
Scanning Frequency	30-210kHz(H)/ 60-70Hz(V)
sRGB	Yes
Picture enhancement	SmartImage Premium
Pixel Density	218 PPI
LowBlue Mode	Yes
EasyRead	Yes
Delta E	<2 (sRGB)
Low Input Lag	Yes
SmartContrast	80,000,000:1
Colour Gamut (typical)	REC709 100%, Adobe RGB 99.5%; DCI-P3:99% ,sRGB: 160%, NTSC 130%. *
HDR	DisplayHDR 600 certified

OTHER INFORMATION	
KVM	Yes, Smart KVM, Thunderbolt 4/ USB-C
Built-in Speakers	5Wx2
User convenience	Power On/Off; Menu; Input/Up; Color Space/Down; SmartImage/Back
OSD languages	Brazil Portuguese; Czech; Dutch; English; Finnish; French; German; Greek; Hungarian; Italian; Japanese; Korean; Polish; Portuguese; Russian; Simplified Chinese; Spanish; Swedish; Traditional Chinese; Turkish; Ukrainian
Other convenience	Kensington lock; VESA mount (100x100mm); VESA bracket; LowBlue Mode
Plug and Play Compatibility	DDC/CI; Mac OS X; sRGB; Windows 11 / 10
Built-in webcam	5.0 megapixel camera with microphone and LED indictor (for Windows Hello)
Multiview	PBP (2x devices)
Low blue light	Yes*

CONNECTIVITY INFORMATION	
Sync input	Separate Sync
Audio (In/Out)	Headphone out
RJ45	Ethernet LAN (10M/100M/1G)
HDCP	HDCP 1.4 (HDMI), HDCP 2.1 (HDMI)
USB Hub	USB version, Upstream: 1xUSB-C (Data only, 15W) ,Downstream: USB-A x 2 (Gen2: 10G; 1 for FC); USB-C x1, (Data, 15W)
Signal input	HDMI 2.1 x 1, Thunderbolt 4 in x1 (Upstream, Data, Video, PD 96W)

STAND

Height adjustment	150 mm
Tilt	-5/20 degree
Pivot	+ 90 degree
Swivel	-/+ 360 degree

POWER CONSUMPTION

On mode	42.46 W (typ.)
Standy mode	0.5 W (typ.)
Off mode	0.3 W (typ.)
Power LED indicator	Operation - White; Standby mode- White (blinking)
Power supply	Internal; 100-240VAC, 50-60Hz
Energy label class	G

PRODUCT DIMENSIONS

Product with stand (max height)	624 x566 x 176 mm
Product without stand (mm)	624 x 391 x 28 mm
Packaging in mm (W x H x D)	780 x 480 x 139 mm

WEIGHT

Product with stand (kg)	8.1 kg
Product without stand (kg)	6.3 kg
Product with packaging (kg)	11.94 kg

OPERATING CONDITION

Temperature range (operation)	0 to 40 °C
Temperature range (storage)	-20 to 60 °C
Relative humidity	20%-80 %
Altitude	Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
MTBF	50,000 (Excluding backlight)

SUSTAINABILITY

Environmental and energy	RoHS
Recyclable packaging material	100 %

Specific Substances	PVC / BFR free housing

CABINET INFORMATION

Colour	Space Gray
Finish	Fine Textured

POWER DELIVERY

Version	USB PD version 3.0
Max power delivery	USB to 96W (5V/3A, 7V/3A, 9V/3A, 10V/3A, 12V/3A, 15V/3A, 20V/4.8A)

WHAT'S IN THE BOX

Accessory	VESA bracket
Cables	HDMI cable, TBT4 cable, Power cable
User documentation	Yes

COMPLIANCE AND STANDARDS

Regulatory Approvals	CB; CE Mark; EPA; CEC; TUV/ISO9241-307; TUV-BAUART; EAC; EAC ROHS; CEL; CCC; CECP; UKCA; EMF; FCC