Product Information Sheet

EA193Mi - LCD 19"Commercial Display

LED-backlit Desktop Monitor

The EA193Mi is a high-end 19" 5:4 conventional format monitor with best IPS panel and latest energy saving LED backlight technology. It offers the latest DisplayPort connectivity and full ergonomic adjustability. Low power consumption and low operating costs make the display perfect for use in the professional office environment. Outstanding ergonomic comfort and intelligent features such as the Ambient Light Sensor make it very user-friendly and help to increase productivity.

Benefits

Ambient Light Sensor – with Auto Brightness function always sets optimised brightness level according to ambient light and content conditions.

Ergonomic Office – full height adjustability (110 mm), tilt and flat mode ensures perfect individual ergonomic set-up.

Green Product Concept – Eco Mode and Carbon Footprint Meter / Carbon Savings Meter, Ambient Light Sensor.

Highly flexible connectivity – display can be used with two digital (DVI-D, DisplayPort) and one analogue input.

Sustainable Office – low power consumption with LED backlight and ambient light sensor.

Image display – 19inch 5:4 IPS with LED backlight.

Vesa Mount (100 mm) – allows to install the monitor via various mounting solutions, stand has a quick release for faster installations.

Product Information

Product Name	EA193Mi
Product Group	LCD 19" Commercial Display
Order Code	EA193Mi-BK

Display

Panel Technology	IPS TFT with W-LED backlight
Screen Size [inch/cm]	19 / 48
Screen Aspect Ratio	5:4
Pixel Pitch [mm]	0.293
Brightness (typ.) [cd/m²]	250
Contrast Ratio (typ.)	1000:1
Viewing Angle [°]	178 horizontal / 178 vertical (typ. at contrast ratio 10:1)
Response Time (typ.) [ms]	6
Colours [Mio.]	16.77

Synchronisation Rate

Horizontal Frequency [kHz]	31.5 - 81.1
Vertical Frequency [Hz]	56 - 75

Resolution

Optimum Resolution	1280 x 1024 at 60 Hz			
Supported	1280 x 960; 1280 x 768; 1280 x 720;	1152 x 870; 1152 x 864; 1024 x 768;	832 x 624; 800 x 600; 720 x 400;	640 x 480

Connectivity

Digital	1 x DisplayPort; 1 x DVI-D (with HDCP)
Analog	1 x mini D-sub 15 pin

Electrical

Power Consumption on Mode [W]	10 (Eco Mode); 14 (typ.); 18 (max.)
Power Savings Mode [W]	0.35
Power Supply	0.45 A/0.25 A; 100-120 V/220-240 V; integrated power supply

Environmental Conditions

Operating Temperature [°C]	+5 to +35
Operating Humidity [%]	20 to 80

Ergonomics

Height adjustable Stand [mm]	110
Screen Tilt [°]	-5 to 20
Screen Tilt / Swivel [°]	-45 to 45
Screen Rotate [°]	0 to 90 (landscape to portrait mode)

Mechanical

Bezel Width [mm]	15
Dimensions (W x H x D) [mm]	408 x 386.4 x 213.9; Without stand: 408 x 338 x 65
Weight [kg]	5.9; Without stand: 3.9
VESA Mounting [mm]	100 x 100

Additional Features

Special Characteristics	10-bit LUT; 19" (5:4) Highly efficient IPS panel with LED backlight saves more than 30 % energy; Ambient light sensor for optimized brightness levels; Carbon Footprint Meter; Carbon Savings Meter; DICOM Simulation; ErgoDesign®: Height adjustable stand (110 mm) with 90° Pivot features; sRGB Support; TORO™ Design; Windows 7 compatible; Windows 8 compatible
Colour Versions	Black Front Bezel, Black Back Cabinet;
Cable Management	yes
Kensington security slot	yes
Plug and Play	DDC2B/2Bi; EDID Standard; VESA DDC/CI
Audio	1W + 1W (De-activateable)
Adjust Functions	Auto Adjust; Brightness; Colour Temperature Control; Contrast; DV Mode; EcoMode; Fine Adjust (analog); Intelligent Power Management; Language Select; LED Brightness; Monitor Information; NTAA (Non-Touch-Auto-Adjustment); On-Screen-Display (OSD) lock-out; Power-Off Timer; sRGB
Shipping Content	Monitor; Power Cable; Setup Guide Signal Cable: 1 x DVI-D; VGA - VGA
Safety and Ergonomics	CE; EnergyStar 6.0; ErP; FCC Class B; ISO 9241-307 (pixel failure class I); MPR II/ MPR III; PCT/ Gost; RoHS; TCO 6.0; TÜV Ergonomics; TÜV GS; UL/C-UL or CSA; RCM
Warranty	3 years warranty incl. backlight

Green Features

Energy Efficiency	Annual energy consumption: 21 kWh (based on 4 operating hours per day); Energy efficiency class: A+; LED backlight technology
Ecological Standards	Energy Star 6.0; ErP compliant; RoHS compliant; TCO 6.0

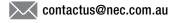| CE	ErP	FCC Class B	MPR II/ MPR III	PCT/Gost	RoHS

TÜV GS	TÜV Ergonomics	RCM

For more information:

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