

iiyama ProLite XB2496HSC-B1 computer monitor 60.5 cm (23.8") 1920 x 1080 pixels Full HD LED Black

Brand : iiyama

Product family: ProLite

Product code: XB2496HSC-B1

Product name : XB2496HSC-B1

24" Full HD USB-C monitor with IPS panel, 144Hz and height adjustment

iiyama ProLite XB2496HSC-B1. Display diagonal: 60.5 cm (23.8"), Display resolution: 1920 x 1080 pixels, HD type: Full HD, Display technology: LED, Display surface: Matt, Response time: 3 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in speaker(s). Built-in USB hub, USB hub version: 3.2 Gen 1 (3.1 Gen 1). VESA mounting, Height adjustment. Product colour: Black



Display		Ergonomics	
Display diagonal *	60.5 cm (23.8")	Cable management	✓
Display resolution *	1920 x 1080 pixels	Cable lock slot *	✓
HD type *	Full HD	Cable lock slot type	Kensington
Native aspect ratio *	16:9	Height adjustment *	✓
Display technology *	LED	Adjustable height (max)	15 cm
Panel type *	IPS	Pivot	✓
Touchscreen *	✗	Pivot angle	-90 - 90°
Display brightness (typical)	300 cd/m²	Swivelling	✓
Response time *	3 ms	Swivel angle range	-60 - 60°
Response time measurement type	GTG (Gray to Gray)	Tilt adjustment	✓
Display surface	Matt	Tilt angle range	-5 - 23°
Screen shape *	Flat	On Screen Display (OSD)	✓
Contrast ratio (typical) *	1500:1	On Screen Display (OSD) languages	Czech, German, English, Spanish, French, Italian, Japanese, Dutch, Polish, Russian, Ukrainian
Contrast ratio (dynamic)	8000000:1	Number of OSD languages	11
Maximum refresh rate *	144 Hz	Power	
Viewing angle, horizontal	178°	Energy efficiency class (SDR) *	D
Viewing angle, vertical	178°	Energy efficiency class (HDR) *	Not available
Display number of colours *	16.7 million colours	Energy consumption (SDR) per 1000 hours *	13.2 kWh
Pixel pitch	0.275 x 0.275 mm	Power consumption (typical) *	13 W
Horizontal scan range	30 - 170 kHz	Power consumption (standby) *	0.5 W
Vertical scan range	48 - 145 Hz	Power consumption (off)	0.3 W
Viewable size, horizontal	52.7 cm	AC input voltage	100 - 240 V
Viewable size, vertical	29.7 cm	AC input frequency	50/60 Hz
Display diagonal (metric)	60.5 cm	Input current	2 A
DDC/CI	✓	Power supply type	Internal
Colour gamut standard	NTSC, sRGB	Energy efficiency scale	A to G
sRGB coverage (typical)	96%		
NTSC coverage (typical)	72%		
Performance			
Flicker-free technology	✓		

Performance		Operational conditions	
Low Blue Light technology	✓	Operating temperature (T-T)	5 - 35 °C
Multimedia		Storage temperature (T-T)	-20 - 60 °C
Number of speakers	2	Operating relative humidity (H-H)	10 - 80%
RMS rated power	4 W	Storage relative humidity (H-H)	10 - 90%
Built-in speaker(s) *	✓	Weight & dimensions	
Design		Width (with stand)	540 mm
Market positioning *	Business	Depth (with stand)	221.5 mm
Product colour *	Black	Height (with stand)	494.5 mm
Frameless design	✓	Weight (with stand)	5.3 kg
		Height (without stand)	374.5 mm
Ports & interfaces		Packaging data	
Built-in USB hub *	✓	Package width	650 mm
USB hub version	3.2 Gen 1 (3.1 Gen 1)	Package depth	140 mm
USB upstream port type	USB Type-C	Package height	420 mm
Number of upstream ports	1	Package weight	6.7 kg
Number of downstream ports	2	Package type	Box
Number of USB Type-C upstream ports quantity	1	USB cable length	1 m
USB Type-A downstream ports quantity	1	Packaging content	
USB Type-C downstream ports quantity	1	Cables included	AC, USB Type-C
USB Type-C DisplayPort Alternate Mode	✓	Quick start guide	✓
USB Power Delivery (USB PD)	✓	Power cable length	1.8 m
USB Power Delivery up to	65 W	Sustainability	
HDMI *	✓	Sustainability certificates	ErP
HDMI ports quantity	1	Other features	
HDMI version	1.4	User controls	picture adjust (brightness, contrast, Eco, ACR, OD, X-Res technology, black tuner), colour settings (6-axis, i-Style colour, blue light reducer, gamma, RGB range, colour temperature), OSD (OSD H. position, OSD V. position, OSD time, OSD background, OSD rotate, display information), language, miscellaneous (sharpness, video mode adjust, opening logo, power LED, USB-C speed, USB charge, DDC/Ci control), Input select, audio settings (volume, mute audio), recall (recall all)
Headphone out *	✓		
Headphone outputs	1		
Headphone connectivity	3.5 mm		
HDCP	✓		
Ergonomics		Packaging content	quick start guide, safety guide
VESA mounting *	✓	Weight	5.3 kg
Panel mounting interface	100 x 100 mm	Width	540 mm
		Depth	221.5 mm
		Control panel	Joystick: Menu (Centre), Up/ Signal Select, Down/ Brightness/ OD/ Eco/ i-Style Colour, Left/ Volume Down, Right/ Volume Up, Power
		Compliance certificates	CE, EAC, PSE, REACH, RoHS, TÜV mark, UKCA, VCCI, WEEE
		Technical details	
		Native refresh rate	60 Hz



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