

# iiyama TE9812MIS-B3AG Signage Display Kiosk design 2.49 m (98") LCD Wi-Fi 400 cd/m<sup>2</sup> 4K Ultra HD Black Touchscreen Built-in processor Android 11 24/7

TE12 SERIES



Mounting bracket for NUC



**Brand :** iiyama

**Product code:** TE9812MIS-B3AG

**Product name :** TE9812MIS-B3AG

iiyama TE9812MIS-B3AG. Product design: Kiosk design. Display diagonal: 2.49 m (98"), Display technology: LCD, Display resolution: 3840 x 2160 pixels, Display brightness: 400 cd/m<sup>2</sup>, HD type: 4K Ultra HD, Touchscreen. Wi-Fi. Operating hours (hours/days): 24/7. Operating system installed: Android 11. Product colour: Black

Display		Design	
Panel type	IPS	Product colour *	Black
Display diagonal *	2.49 m (98")	VESA mounting *	✓
Display technology *	LCD	Panel mounting interface	800 x 600 mm
Display resolution *	3840 x 2160 pixels	Bezel width (bottom)	3.1 cm
Display brightness *	400 cd/m <sup>2</sup>	Bezel width (side)	1.65 cm
HD type *	4K Ultra HD	Bezel width (top)	1.65 cm
Touchscreen *	✓	Performance	
Touchscreen technology	PureTouch-IR	Purpose *	Commercial
Number of simultaneous touchpoints	40	On Screen Display (OSD)	✓
Native aspect ratio	16:9	On Screen Display (OSD) languages	Czech, Danish, German, English, Spanish, Finnish, French, Italian, Polish, Russian, Slovenian
Response time	8 ms	Operating hours (hours/days)	24/7
Contrast ratio (typical)	1200:1	HDCP	✓
Contrast ratio (dynamic)	4000:1	HDCP version	2.2
Viewing angle, horizontal	178°	Mean time between failures (MTBF)	50000 h
Viewing angle, vertical	178°	Power	
Display number of colours	1.07 billion colours	Power consumption (typical) *	233 W
Pixel pitch	0.562 x 0.562 mm	Power consumption (standby) *	0.5 W
Active display area (W x H)	2158.8 x 1214.4 mm	Power consumption (off)	0.3 W
Display diagonal (metric)	247.7 cm	AC input voltage	100 - 240 V
Horizontal scan range	30 - 135 kHz	AC input frequency	50/60 Hz
Surface hardness	7H	Computer system	
Glass thickness	3 mm	Built-in processor *	✓
Glass film	AG/AR Film	Processor manufacturer	ARM
Ports & interfaces		Processor family	ARM Cortex
HDMI ports quantity *	4	Processor model	A55
HDMI version	2.0	Processor architecture	ARM Cortex-A55
HDMI input ports quantity	3	Processor cores	4
HDMI output ports quantity	1	Internal memory	8 GB
DVI port *	✗	On-board graphics card model	ARM Mali-G52
VGA (D-Sub) input ports	1	Internal storage capacity	32 GB
USB port *	✓	Operating system installed	Android 11
USB ports quantity	5	Weight & dimensions	
USB version	3.2 Gen 1 (3.1 Gen 1)	Width (with stand)	2244.5 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	2	Depth (with stand)	92 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity	3	Height (with stand)	1323 mm
Ethernet LAN *	✓	Weight (with stand)	98.5 kg
Ethernet LAN (RJ-45) ports	2		
Wi-Fi *	✓		

Ports & interfaces		Packaging data	
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)	Package width	2406 mm
RS-232 interface	✓	Package depth	280 mm
RS-232C	✓	Package height	1474 mm
Remote (IR) input	1	Package volume	128100 cm <sup>3</sup>
Audio Return Channel (ARC)	✓	Packaging content	
Audio		Remote control included	✓
Built-in speaker(s) *	✓	Batteries included	✓
Number of built-in speakers	2	Cables included	HDMI, Power, USB
RMS rated power	32 W	Wi-Fi module included	✓
Design		Operational conditions	
Product design *	Kiosk design	Operating temperature (T-T)	0 - 40 °C
Placement supported *	Indoor	Operating relative humidity (H-H)	-20 - 60%
Orientation	Horizontal	Certificates	
		Certification	CB, CE, TÜV-Bauart, EAC, RoHS support, ErP, WEEE, REACH, EPA 8.0



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