

## 86" Interactive 4K UHD Touchscreen elevating interactive collaboration

The TE8612MIS-B3AG is an exceptional 4K UHD interactive display designed by iiyama to enhance collaboration, communication, and engagement. With key features like Zero Airgap LCD screen eliminating parallax, accurate PureTouch-IR, iiWare 10 with Android 11, Wifi, and the iiyama DMS (Device management System), this display transforms the way you engage with content, making it an indispensable tool for modern workspaces and educational settings.

Boasting a new 4K Interface with User Profiles for simple login and access to your very own bespoke application and Cloud Drives or harmonize with your existing estate and unleash the true power of Windows and Office applications. iiyama TE8612MIS-B3AG becomes a highly personalised & flexible device within a busy hybrid environment for multiple users.

Share wirelessly more easily than ever before with iiyama Share and [EShare](#) app, bringing effortless ideation and efficient collaboration in your enterprise or school. This affordable display transforms the modern workplaces, educational institutions, dynamic meeting spaces and beyond. Elevate your interactive experience with the iiyama TE12 SERIES displays and embrace the future of visual communication.

### PureTouch-IR

PureTouch-IR from iiyama delivers 1mm touch accuracy for the smoothest and fastest annotation.

### iiWare

iiWare 10 features Note, Browser, Cloud Drive and the option for you to sideload relevant apps you require for your organisation.

## 01 DISPLAY CHARACTERISTICS

Design	Thin bezel
Diagonal	85.6", 217.4cm
Panel	VA
Touch Glass	AG coated glass, zero air-gap
Native resolution	3840 x 2160 (8.3 megapixel 4K UHD)
Aspect ratio	16:9
Panel brightness	400 cd/m <sup>2</sup>
Brightness	350 cd/m <sup>2</sup> with touch
Light transmittance	92%
Static contrast	4000:1
Dynamic contrast	8000:1
Response time (GTG)	8ms
Viewing zone	horizontal/vertical: 178°/178°, right/left: 89°/89°, up/down: 89°/89°
Colour support	1.07B 8bit+FRC
Horizontal Sync	30 - 135kHz
Viewable area W x H	1895 x 1066mm, 74.6 x 42"
Bezel width (sides, top, bottom)	16.5mm, 16.5mm, 30mm
Pixel pitch	0.493mm
Bezel colour and finish	black, matte

## 02 TOUCH

Touch technology	PureTouch-IR
Touch points	40 (5pt writing, HID, only with supported OS)
Touch accuracy	+/- 1.5mm
Touch method	stylus, finger, glove
Touch interface	USB
Supported operating systems	All iiyama monitors are Plug & Play and compatible with Windows and Linux. For details regarding the supported OS for the touch models, please refer to the driver instruction file available in the downloads section.

## 03 INTERFACES / CONNECTORS / CONTROLS

Analog signal input	VGA x1 (max. 1920x1080 @60Hz)
Digital signal input	HDMI x3 (v.2.0, max. 3840x2160 @60Hz, YUV444) USB-C x1 (v.3.2 (Gen 1, 5Gbit), 3840x2160 @60Hz - RGB444 - (65W charging, Touch)
Audio input	Mini jack x1
Monitor control input	RS-232c x1 (DSUB 9pin) RJ45 (LAN) x1 (LAN Control) IR x1
Digital signal output	HDMI x1 (3840x2160 @60Hz)
Audio output	S/PDIF (Optical) x1 Mini jack x1 Speakers 2 x 16W (Front)
HDCP	HDMI 1: 2.1, USB-C: 2.2
USB ports	x5 (media playback / peripherals / storage – front side: 2x v.3.2 (Gen 1, 5Gbit), 1x USB-C v.3.2 (Gen 1, 5Gbit, 65W PD), right side: 2x v.3.2 (Gen 1, 5Gbit))
RJ45 (LAN)	x2 (Auto switch for PC & Android, 1000MB)

## 04 FEATURES

<b>Integrated software</b>	iiWare 10 (Android 11 OS) featuring iiyama DMS, Note, web browser, file manager, cloud drives, WPS office, iiyama Share and EShare for wireless connection with Windows/iOS/Android devices
<b>WiFi</b>	yes (WiFi 6 Module OWM002 - Dual WiFi Bandwidth: 2.4GHz/5GHz, WiFi Standard: IEEE 802.11 a/b/g/n/ac, Bluetooth Support: 2.1/3.0/4.2/5.0)
<b>Hardware</b>	CPU: Quad core A55, GPU: Mali G52, RAM: 8GB, ROM: 64GB
<b>Extra</b>	WiFi 6 Module (OWM002), Slot for optional OPS Slot PC, 4x Touch pen
<b>Kiosk mode</b>	yes
<b>Max. non-stop operating time</b>	24/7
<b>Media playback</b>	yes
<b>Glass thickness</b>	3mm
<b>Glass hardness</b>	7H
<b>Housing (bezel)</b>	metal
<b>OSD key lock</b>	yes

## 05 GENERAL

<b>OSD languages</b>	EN, DE, FR, ES, IT, RU, CZ, NL, PL, SV, FI, DA, NB
<b>Control buttons</b>	Power, Power Indicator, Remote Sensor, Light Sensor
<b>User controls</b>	general settings (input, volume, backlight), audio settings (volume, bass, treble, balance, sound mode, mute), screen settings (aspect ratio, pixel shift), display settings (brightness, contrast, hue, sharpness, display mode, colour temp.), adjust settings (H-position, V-position, clock, phase, auto), settings (wireless & networks, personal, input & output, application, system)
<b>Blue light reducer</b>	yes
<b>Plug&amp;Play</b>	DDC2B
<b>Warranty</b>	5 years (for details and eligible countries please check the Warranty section of our website)

## 06 MECHANICAL

<b>Orientation</b>	landscape
<b>Fanless design</b>	yes
<b>VESA mounting</b>	800 x 600mm
<b>Operation temperature range</b>	0°C - 40°C
<b>Storage temperature range</b>	- 20°C - %2°C
<b>MTBF</b>	50.000 hours (excluding backlight)

## 07 ACCESSORIES INCLUDED

<b>Cables</b>	power, USB, HDMI
<b>Touch pen</b>	x4 (Dual function tips)
<b>Guides</b>	quick start guide, safety guide
<b>Other</b>	WiFi 6 Module (OWM002), Mounting bracket for NUC, Mounting bracket for webcam
<b>Remote control</b>	yes (batteries included)

## 08 POWER MANAGEMENT

<b>Power supply unit</b>	internal
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<b>Power supply</b>	AC 100 - 240V, 50/60Hz
<b>Power usage</b>	208W typical, 0.5W stand by, 0.3W off mode

## 09 SUSTAINABILITY

<b>Regulations</b>	CB, CE, TÜV-Bauart, EAC, RoHS support, ErP, WEEE, REACH (RoHS)
<b>REACH SVHC</b>	above 0.1%: Lead

## 10 DIMENSIONS / WEIGHT

<b>Product dimensions W x H x D</b>	1957 x 1160 x 100mm
<b>Box dimensions W x H x D</b>	2110 x 1283 x 225mm
<b>Weight (without box)</b>	58.6kg
<b>Weight (with box)</b>	75.9kg
<b>EAN code</b>	4948570123711

*All trademarks and registered trademarks acknowledged. E & O E. Specification subject to change without notice. All LCD's comply with ISO-9241-307:2008 in connection with pixel defects.*

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