



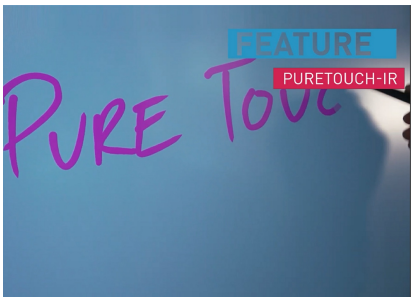


## 86" Interactive 4K UHD Touchscreen elevating interactive collaboration

The TE8612MIS-B2AG 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-B2AG 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

Delivers 1mm Touch accuracy for the smoothest and fastest annotation with 40pt infrared Touch technology.




### 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, haze haze 25% |
| **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/m² |
| **Light transmittance** | 92% |
| **Static contrast** | 4000:1 |
| **Dynamic contrast** | 8000:1 |
| **Response time (GTG)** | 8ms |
| **Viewing zone** | horizontal/vertical: horizontal°/vertical 178°, right/left: 0°/0°, up/down: 0°/0° |
| **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** | 0.4935mm |
| **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)<br>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)<br>RJ45 (LAN) x1 (LAN Control)<br>IR x1 |
| **Digital signal output** | HDMI x1 (3840x2160 @60Hz) |
| **Audio output** | S/PDIF (Optical) x1<br>Mini jack x1<br>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

| | |
|---|---|
| **Integrated software** | 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 |
| **WiFi** | yes (WiFi 6 Dual WiFi Bandwidth: 2.4GHz/5GHz, WiFi Standard: IIEEE 802.11 a/b/g/n/ac, Bluetooth Support: 2.1/3.0/4.2/5.0) |
| **Hardware** | CPU: A55*4, GPU: Mali G52, RAM: 4GB, ROM: 32GB |
| **Extra** | Slot for optional OPS Slot PC, 4x Touch pen |
| **Kiosk mode** | yes |
| **Max. non-stop operating time** | 24/7 |
| **Media playback** | yes |
| **Glass thickness** | 3mm |
| **Glass hardness** | 7H |
| **Housing (bezel)** | metal |
| **OSD key lock** | yes |

## 05 GENERAL

| | |
|---|---|
| **OSD languages** | EN, DE, FR, ES, IT, RU, CZ, NL, PL, SV, FI, DA, NB |
| **Control buttons** | Power, Power Indicator, Remote Sensor, Light Sensor |
| **User controls** | 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) |
| **Blue light reducer** | yes |
| **Plug&Play** | DDC2B |
| **Warranty** | 5 years (for details and eligible countries please check the Warranty section of our website) |

## 06 MECHANICAL

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

## 07 ACCESSORIES INCLUDED

| | |
|---|---|
| **Cables** | power, USB, HDMI |
| **Touch pen** | x4 (Dual function tips) |
| **Guides** | quick start guide, safety guide |
| **Other** | Mounting bracket for NUC, Mounting bracket for webcam |
| **Remote control** | yes (batteries included) |

## 08 POWER MANAGEMENT

| | |
|---|---|
| **Power supply unit** | internal |
| **Power supply** | AC AC - 100V, 240/V, 50Hz |

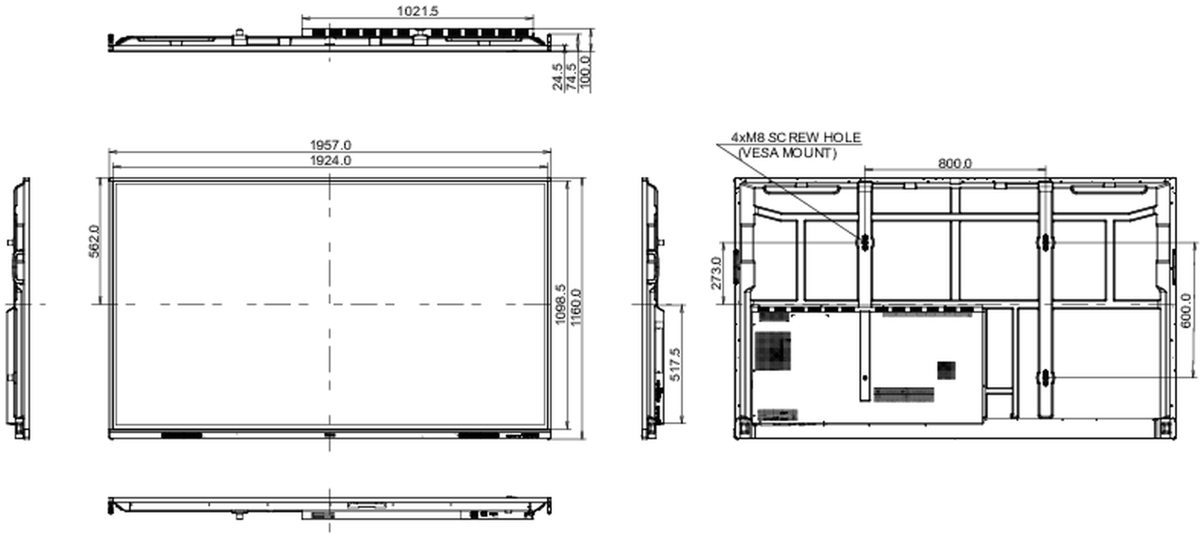
| | |
|---|---|
| **Power usage** | 222W typical, 0.5W stand by, 0.3W off mode |

## 09 SUSTAINABILITY

| | |
|---|---|
| **Regulations** | CB, CE, TÜV-Bauart, EAC, RoHS support, ErP, WEEE, REACH (RoHS) |
| **REACH SVHC** | above 0.1%: Lead |

## 10 DIMENSIONS / WEIGHT

| | |
|---|---|
| **Product dimensions W x H x D** | 1957 x 1160 x 100mm |
| **Box dimensions W x H x D** | 2110 x 1283 x 225mm |
| **Weight (without box)** | 58.6kg |
| **Weight (with box)** | 75.9kg |
| **EAN code** | 4948570122967 |




*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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