

METZ

GERMAN
BRAND

MODERN INTERACTIVE DISPLAYS

65"

75"

86"

series S



Full package
Google Play



Android 13/15
Windows OPS



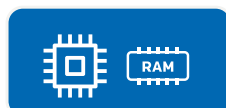
Camera 48MP
8 Microphones



Speakers 40W
Subwoofer 20W



5-year guarantee
for education



Memory RAM 16GB
Drive 256GB



METZ Lead the Future

S series

- **Android 13 (in the future 15)** together with full Google EDLA support and the Play shop allow the modern monitor operating system and create an easy-to-use and secure working environment for you. The well-known and appreciated pre-installed applications of the Google suite guarantee native support for most document, multimedia and presentation formats. **You are ready!**
- A professional 48Mpix **camera**, 8 directional **microphones** and powerful **speakers** (40W) with integrated **subwoofer** (20W) are a package that will make your multimedia screen truly versatile. Teleconferences, training sessions, presentations, but also the viewing of films or any multimedia can now take place at the highest standards and with a power and quality never seen before in interactive displays.
- **The impressive 4K resolution** DLED screen quality with advanced features to protect your eyes and anti-reflective coating ensures the highest standards of work and safety.
- **The powerful A78+A55 processors** and exceptionally large system memory (16GB RAM) and a capacious 256GB drive guarantee smooth operation of even the most demanding applications. You won't lose time waiting for applications to open and are guaranteed smooth high-definition 4K multimedia.
- Every METZ interactive monitor comes with a 3-year manufacturer's warranty. Monitors supplied in educational projects receive a free **5-year warranty**.
- The state-of-the-art **touchscreen** with 'zero bonding' technology provides exceptional writing precision, like using a pen or chalk.
- Ultra-fast Wi-Fi6 or 1GB LAN combined with the latest Airgo Cast apps will guarantee you the ability to seamlessly **stream content wirelessly** from your PC/Mac, tablet and Android/Apple smartphone. Be creative and display screens from up to 9 devices simultaneously!
- Your safety is of paramount importance to us, which is why our monitors are protected by an additional 3.2mm-thick **protective glass** with a hardness of up to 9H. This means that the screen is scratch-resistant, even against metal objects. This guarantees above-standard security and a long service life without annoying signs of wear and tear.
- The OPS slot allows an additional PC to be securely mounted in the monitor chassis. In this way, you will combine the power of a large screen touch with the functionality of **Microsoft Windows** and its dedicated applications (especially if you are using the M365 environment).
- Professional wall mounting of the screen is an extremely important consideration in terms of user safety. When purchasing a METZ interactive monitor, you will always find a **dedicated wall mount** included with the screen.

Monitor size	65"	75"	86"
Model (SKU/PN)	65SG1 (Q2GD65V3HZ01)	75SG1 (Q2GD75V3HZ01)	86SG1 (Q2GD86V3HZ01)
Matrix type	IPS	IPS	IPS
Backlight type	Direct LED (DLED)	Direct LED (DLED)	Direct LED (DLED)
Resolution	4K UHD (3840 x 2160)	4K UHD (3840 x 2160)	4K UHD (3840 x 2160)
Pixel size	0,372mm	0,4296mm	0,4935mm
Visible surface	1428,48mm x 803,52mm	1649,66mm x 927,94mm	1895,04mm x 1065,96mm
Viewing angles	78°/178° 89°/89° right-left 89°/89° top-bottom	78°/178° 89°/89° right-left 89°/89° top-bottom	78°/178° 89°/89° right-left 89°/89° top-bottom
Screen format	16:9	16:9	16:9
Matrix brightness	450 cd/m2	450 cd/m2	450 cd/m2
Light transmission	0.92	0.92	0.92
Static contrast	1200:1	1200:1	1200:1
Dynamic contrast	5000:1	5000:1	5000:1
Colour support	1.07G (8bits + FRC)	1.07G (8bits + FRC)	1.07G (8bits + FRC)
Screen life	>50,000 hours	>50,000 hours	>50,000 hours
Built-in optical blue light filter	Yes	Yes	Yes
Frame thickness	41.2mm (top) 19.2mm (side) 59.4mm (bottom)	41.2mm (top) 19.2mm (side) 59.4mm (bottom)	41.2mm (top) 19.2mm (side) 59.4mm (bottom)
Frame Material	Metal	Metal	Metal
Frame colour	White (top and bottom) Black (sides)	White (top and bottom) Black (sides)	White (top and bottom) Black (sides)
Orientation	Horizontal	Horizontal	Horizontal
Refresh rate	60Hz	60Hz	60Hz
Maximum operating time	24/7	24/7	24/7
Operating temperatures	od 5°C do 40°C	od 5°C do 40°C	od 5°C do 40°C
Storage teperatures	od -20°C do 60°C	od -20°C do 60°C	od -20°C do 60°C
Operation humidity	10%RH~90%RH	10%RH~90%RH	10%RH~90%RH
Storage Humidity	10%RH~90%RH	10%RH~90%RH	10%RH~90%RH
MTBF	50 000 hours	50 000 hours	50 000 hours
Certifications	CB,KC, CE, ROHS, ISO 9001, ISO 14001, and ISO 45001	CB,KC, CE, ROHS, ISO 9001, ISO 14001, and ISO 45001	CB,KC, CE, ROHS, ISO 9001, ISO 14001, and ISO 45001
Warranty	3 years (5 years for Education)	3 years (5 years for Education)	3 years (5 years for Education)

TOUCH

Touch technology	Infrared	Infrared	Infrared
Protective glass	Toughened glass with anti-reflective coating	Toughened glass with anti-reflective coating	Toughened glass with anti-reflective coating
Thickness of protective glass	3.2mm	3.2mm	3.2mm
Strength of protective glass	9H	9H	9H
Touch resolution	32767(H)* 32767(V)	32767(H)* 32767(V)	32767(H)* 32767(V)

Number of touch points	50	50	50
Accuracy of touch	±0,5mm	±0,5mm	±0,5mm
Response time	≤2ms	≤2ms	≤2ms
Touch modes	Stylus, finger, gloved finger	Stylus, finger, gloved finger	Stylus, finger, gloved finger
Touch interface	USB	USB	USB

SYSTEMS

CPU	ARM Cortex A78*4+A55*4	ARM Cortex A78*4+A55*4	ARM Cortex A78*4+A55*4
GPU	AMR Mali-G57 MC5	AMR Mali-G57 MC5	AMR Mali-G57 MC5
RAM	16 GB	16 GB	16 GB
Memory ROM (disk)	256 GB (plus 128 GB via optional microSD card)	256 GB (plus 128 GB via optional microSD card)	256 GB (plus 128 GB via optional microSD card)
Operating system	Android 13 EDLA (Android 15 upgrade)	Android 13 EDLA (Android 15 upgrade)	Android 13 EDLA (Android 15 upgrade)
OPS Windows	Optional	Optional	Optional
Speakers	2*20W + 20W (Subwoofer)	2*20W + 20W (Subwoofer)	2*20W + 20W (Subwoofer)
Camera	Built-in 48MP camera	Built-in 48MP camera	Built-in 48MP camera
Microphone	Built-in 8 directional micro-phones	Built-in 8 directional micro-phones	Built-in 8 directional micro-phones

SOFTWARE & PORTS

Android software	Play store, whiteboard, Airgo cast, Maps, meet, YT music, Find device, File manager, Welcome page, Source split, Timer, Google TV, Google, Contacts, viicam, Docs, votekit, AirgoDMS, Slides, Clock, Chrome, Photos, Sheets, Easy upload, Gmail, Calculator, Drive, Safety, Settings, Youtube, Assistant, Multi display	Play store, whiteboard, Airgo cast, Maps, meet, YT music, Find device, File manager, Welcome page, Source split, Timer, Google TV, Google, Contacts, viicam, Docs, votekit, AirgoDMS, Slides, Clock, Chrome, Photos, Sheets, Easy upload, Gmail, Calculator, Drive, Safety, Settings, Youtube, Assistant, Multi display	Play store, whiteboard, Airgo cast, Maps, meet, YT music, Find device, File manager, Welcome page, Source split, Timer, Google TV, Google, Contacts, viicam, Docs, votekit, AirgoDMS, Slides, Clock, Chrome, Photos, Sheets, Easy upload, Gmail, Calculator, Drive, Safety, Settings, Youtube, Assistant, Multi display
Supported systems	Windows 7/8/10/11, MacOS, Android, Chrome OS, Linux	Windows 7/8/10/11, MacOS, Android, Chrome OS, Linux	Windows 7/8/10/11, MacOS, Android, Chrome OS, Linux
Wireless presentation	Yes, phone/tablet/pc/mac via Airgo Cast	Yes, phone/tablet/pc/mac via Airgo Cast	Yes, phone/tablet/pc/mac via Airgo Cast
OCR	Recognition of texts and shapes	Recognition of texts and shapes	Recognition of texts and shapes
Installed languages	PL, EN, ES, RU, FR, DE, IT, NL, AR, ID, KK, PT, UA, EL, TR, KO, JA, VI	PL, EN, ES, RU, FR, DE, IT, NL, AR, ID, KK, PT, UA, EL, TR, KO, JA, VI	PL, EN, ES, RU, FR, DE, IT, NL, AR, ID, KK, PT, UA, EL, TR, KO, JA, VI
Content sharing	Email, QR Code and Cloud (Google drive & OneDrive)	Email, QR Code and Cloud (Google drive & OneDrive)	Email, QR Code and Cloud (Google drive & OneDrive)
Screen sharing	Can be split into 9 independent screens	Can be split into 9 independent screens	Can be split into 9 independent screens
Media playback	AV1, H.264, H.265, H.266, HDR 10, HLG, MPEG2, MPEG4, RMVB, VC-1, VP8, VP9, WMV	AV1, H.264, H.265, H.266, HDR 10, HLG, MPEG2, MPEG4, RMVB, VC-1, VP8, VP9, WMV	AV1, H.264, H.265, H.266, HDR 10, HLG, MPEG2, MPEG4, RMVB, VC-1, VP8, VP9, WMV
Connections (front)	USB 3.0 x2 (Android + Windows OPS) USB x1 Dotyk HDMI IN x1 (3840x2160 @60Hz) USB-C x1 (100W+, 3840x2160 @60Hz)	USB 3.0 x2 (Android + Windows OPS) USB x1 Dotyk HDMI IN x1 (3840x2160 @60Hz) USB-C x1 (100W+, 3840x2160 @60Hz)	USB 3.0 x2 (Android + Windows OPS) USB x1 Dotyk HDMI IN x1 (3840x2160 @60Hz) USB-C x1 (100W+, 3840x2160 @60Hz)

Connections (side/rear)	USB 2.0 x1 USB 3.0 x2 HDMI IN x2 HDMI OUT x1 USB x2 Dotyk MIC In x1 Audio Out x1 RS232 x1 COAX x1 DisplayPort In x1 LAN In x1 LAN Out x1 Type-C In x1 Type-C Out x1 TF x1 SD Card x1	USB 2.0 x1 USB 3.0 x2 HDMI IN x2 HDMI OUT x1 USB x2 Dotyk MIC In x1 Audio Out x1 RS232 x1 COAX x1 DisplayPort In x1 LAN In x1 LAN Out x1 Type-C In x1 Type-C Out x1 TF x1 SD Card x1	USB 2.0 x1 USB 3.0 x2 HDMI IN x2 HDMI OUT x1 USB x2 Dotyk MIC In x1 Audio Out x1 RS232 x1 COAX x1 DisplayPort In x1 LAN In x1 LAN Out x1 Type-C In x1 Type-C Out x1 TF x1 SD Card x1
HDCP	HDMI in, USB-C	HDMI in, USB-C	HDMI in, USB-C
Physical buttons	Power on/off	Power on/off	Power on/off
Network connections	Port LAN RJ45 Build-in Wi-Fi 6 (2.4G/5G) Bluetooth 5.2	Port LAN RJ45 Build-in Wi-Fi 6 (2.4G/5G) Bluetooth 5.2	Port LAN RJ45 Build-in Wi-Fi 6 (2.4G/5G) Bluetooth 5.2
Power supply	100-240V, 50-60 Hz	100-240V, 50-60 Hz	100-240V, 50-60 Hz
Typical power consumption (ECO)	109W	113W	146W
Power consumption (max)	300W	370W	450W

INCLUDED ACCESSORIES

Remote control	x1	x1	x1
Cable	x1 power cable (3m)	x1 power cable (3m)	x1 power cable (3m)
Stylus pen	2x double-sided dedicated stylus	2x double-sided dedicated stylus	2x double-sided dedicated stylus
Documentation	Quick start, safety guide	Quick start, safety guide	Quick start, safety guide
Wall bracket	x1 dedicated wall mount	x1 dedicated wall mount	x1 dedicated wall mount

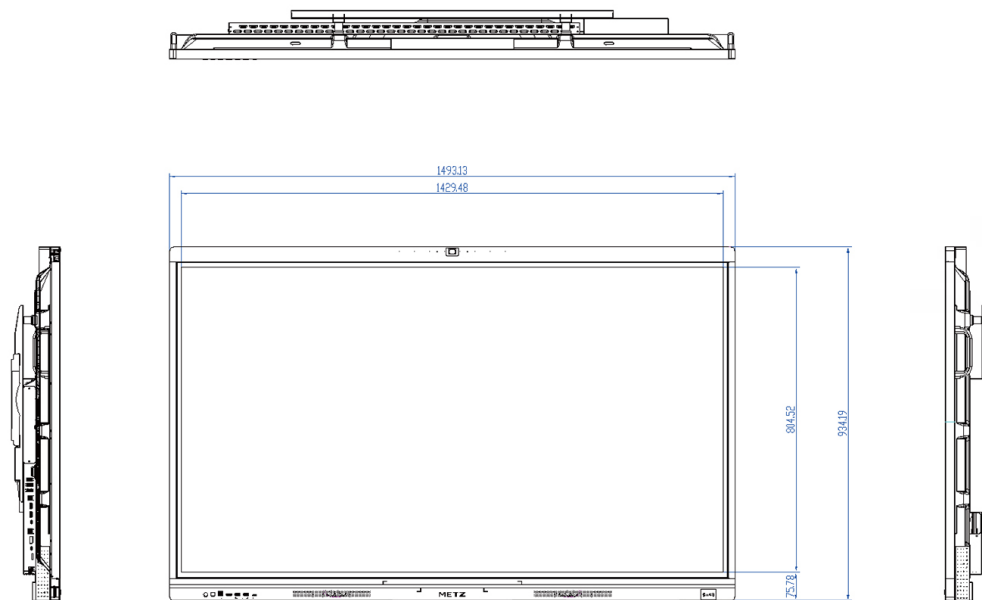
DIMENSIONS AND WEIGHT

Size	1493.43 x 934.11 x 106.7mm	1715.1 x 1057.5 x 106.7mm	1960.8 x 1197.6 x 106.6mm
Size with wall bracket	1493.43 x 934.11 x 128.8mm	1715.1 x 1057.5 x 133.4mm	1960.8 x 1197.6 x 126.4mm
Size with VESA	600x400mm	600x500mm	800x600mm
Packaging	Cardboard	Cardboard	Cardboard
Size with box	1623 x 1065 x 215mm	1846 x 1155 x 215mm	2088 x 1295 x 215mm
Weight of monitor	40Kg	49Kg	60Kg
Total weight	49Kg	61Kg	73Kg
Bracket	Including accessories	Including accessories	Including accessories

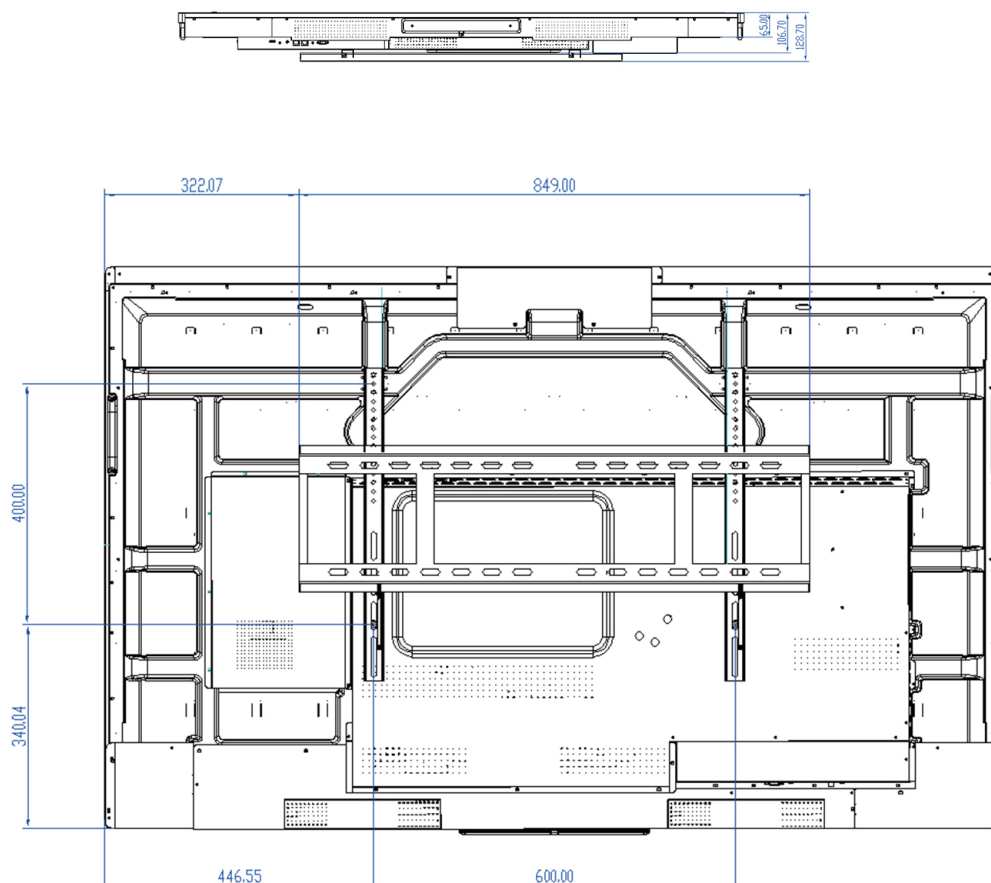
Technical drawings

METZ 65SG1

Front view

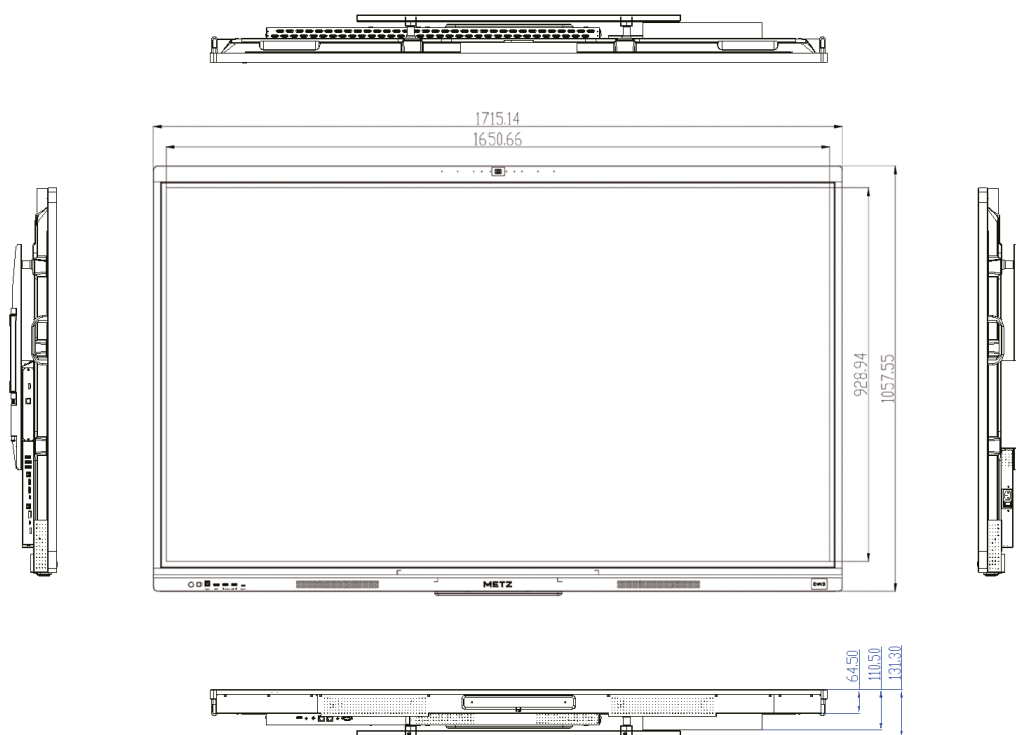


Rear view

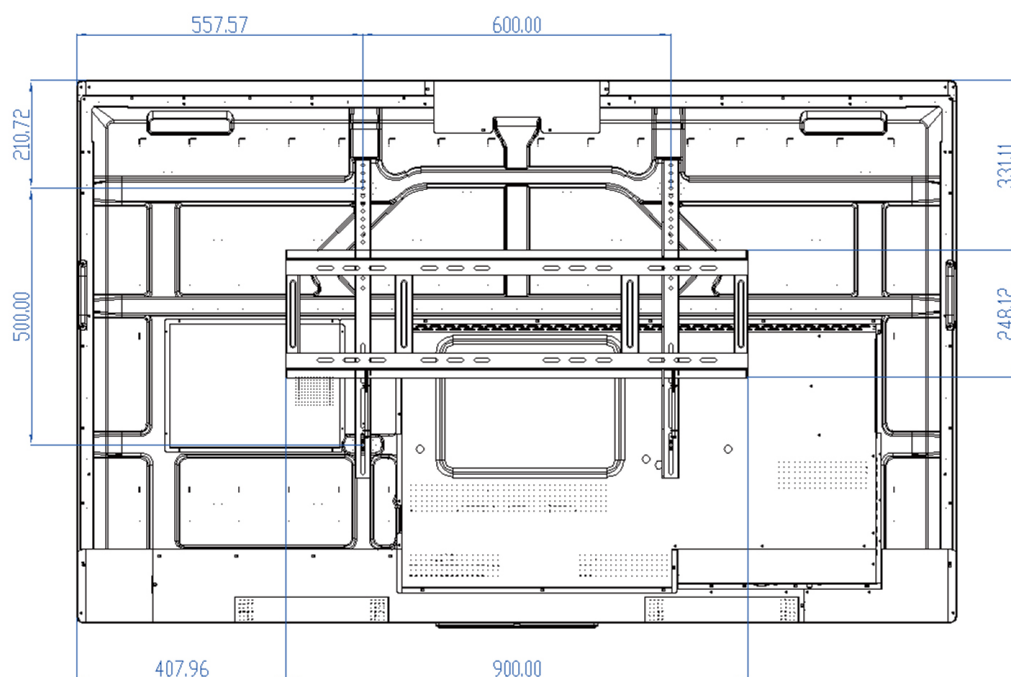


METZ 75SG1

Front view

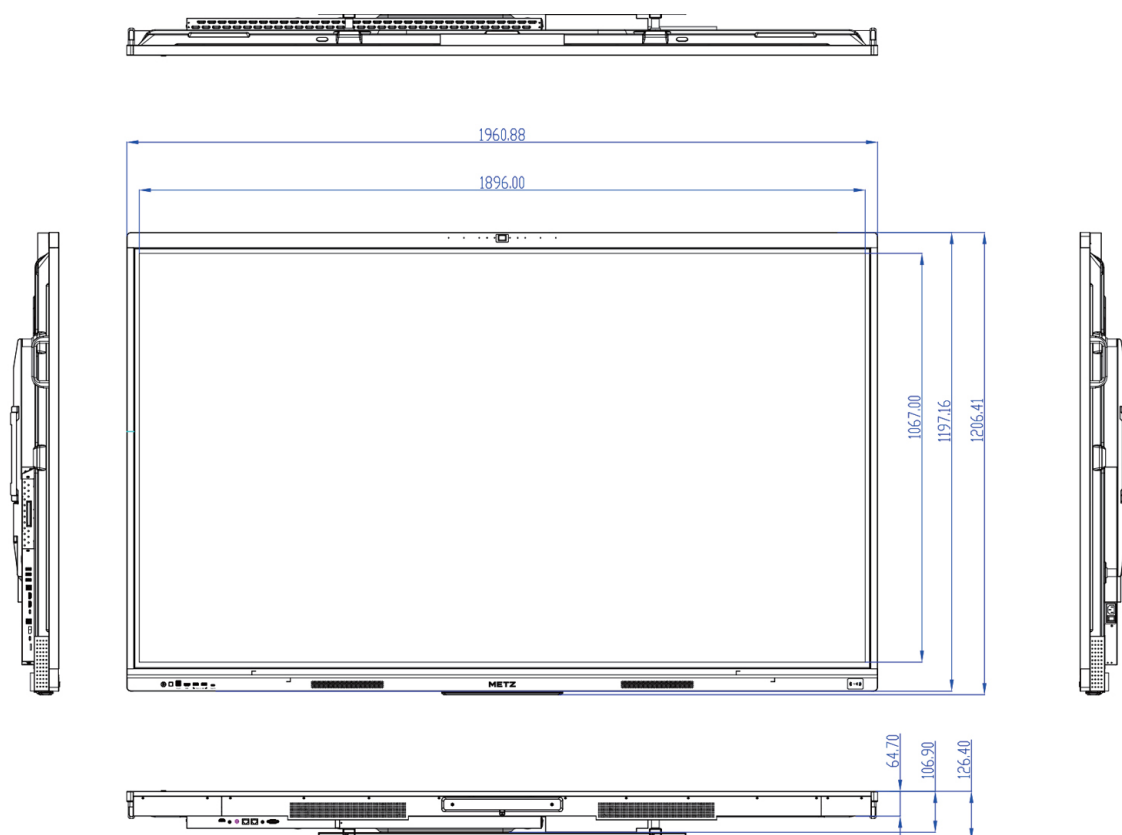


Rear view

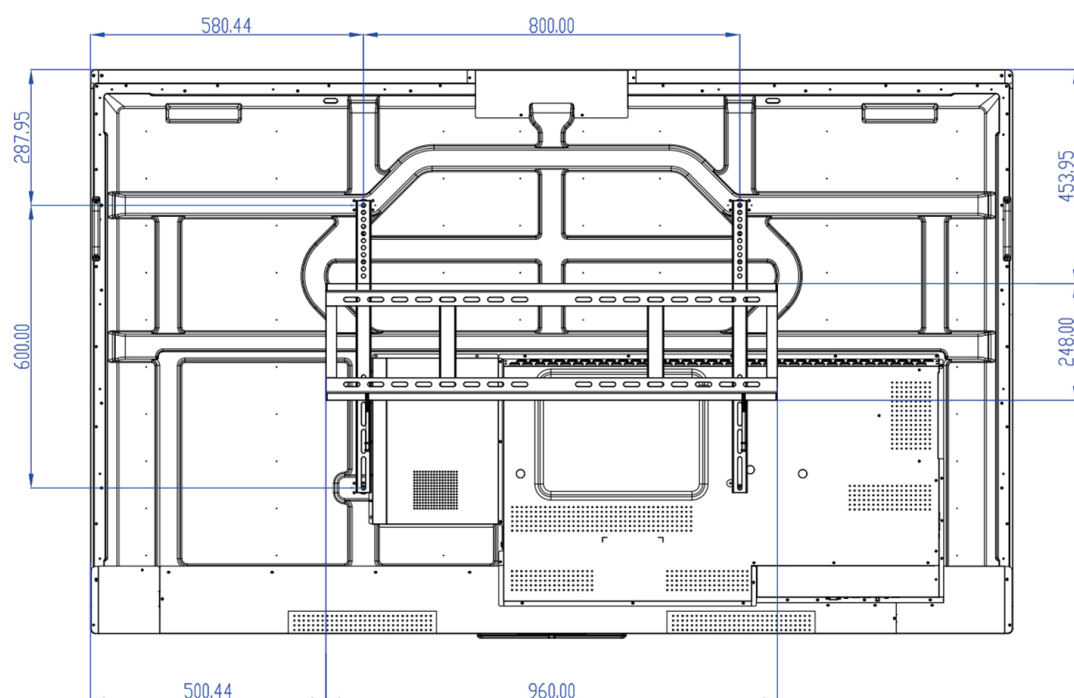


METZ 86SG1

Front view



Rear view



Certificates



www.metzdisplay.eu

*rack not included

