Xi

SeriesEDGE
Datasheet 55 / 65 / 75 / 86 / 98

DISCOVER**IBT**

The Series
EDGE

Features

The Xi Series Edge is the embodiment of years of experience and innovation, bringing you one of the most advanced large format touchscreen displays on the market. With the strong Xi heritage behind it, the more powerful and refined Edge sets the new bar on what is possible.

EXTENSIVE CONNECTIVITY
Including USB 3.0 and HDMI, a total of 18 ports make it easy to connect multiple devices. The intellipanel display lets you quickly choose which input source you want.

IR TOUCH TECHNOLOGY
Use either the supplied pens for greater accuracy, or draw multiple lies simultaneously using your hand - it's never been easier to create or annotate.

LOW PARALLAX
With only a 1mm air gap, the Edge boasts unparalleled precision and accuracy

AMBIENT LIGHT SENSOR
Automatically optimises the display settings according to the ambient light in the room, giving you the best picture quality whilst saving energy.
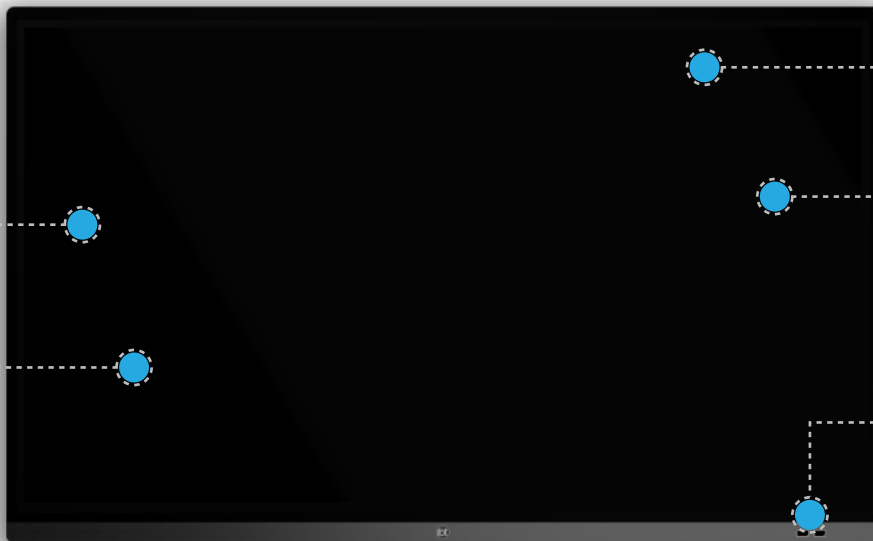
BUILT IN WI-FI
Browse the internet, send and recieve emails, and stream video, all without needing to connect a PC.

TOUGH & SCRATCH RESISTANT
Designed to withstand excessive use - The AG Tempered glass is built to last!

EXTENDED WARRANTY
Warranties available with all IBT products, allowing you to buy with confidence.

FRONT USB 3.0
With 2 ports on the front we've made it easier to connect wireless dongles or storage utilising superfast USB 3.0 connectivity.
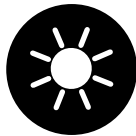
ACCUTOUCH 2.0
Less than 1.5mm accuracy and no special pens required. 20 Point touch

LOUDSPEAKER
Two powerful 12W speakers are integrated in the bottom loudspeaker

ANTI-GLARE
No need to close the blinds dim the lights to get a great picture

NO CALIBRATION
Our displays are ready to go straight out of the box

4K UHD
As with all our displays enjoy 4K UHD for a crisper sharper image

COMPATIBLE WITH
Connect your own Laptop, PC or Mac and use your own software on the big screen.

PC MODULE
For an all in one solution, add an integrated PC module

HIVE
Along with a purchase of an Xi Series Edge, you'll gain access to Hive. This digital whiteboarding software lets your draw and create using dozens of different tools and a library of pre-made assets to choose from. Upload your Smart and Promethean files natively, with all layering and animation intact. Import documents, link webpages, and record your screen, all with Hive.

To find out more about Hive, head over to **www.discoveribt.com/hive**

Specifications

DISPLAY

Size (Inches)	55
Aspect Ratio	16:9
Resolution	3840(H) x 2160(V)
Backlight type	DLED
Refreshing Frequency	60Hz
Display Colour	1.07B (10bit)
Display Area	1209.6(H) x 680.4(V)mm
Pixel Pitch	0.315mm x 0.315mm
Response Time	8ms
Contrast Ratio	1200:1
Viewing Angle	178°(H/V)
Lifetime	30,000 Hours
Brightness with Glass (typ)	350 cd/m2
Brightness with Glass (min)	300 cd/m2

TOUCH SYSTEM

Sensing Type	Infrared Recognition
Touch Point	20 Points Touch
Touch Tool	Finger, Passive Infrared Pen
Minimum Object Size	3mm
Response Time	≤10ms
Accuracy	<1.5mm
Writing Height	<3mm
Writing Double Colours With Double Pens Simultaneously	Supported
Touch Drive	Free Drive
Interpolation Resolution	32768(W) x 32768(D)

I/O PORT

HDMI IN	3	HDMI OUT	1	TOUCH OUT	2
USB 2.0	3	USB 3.0	3	USB TYPE-C	0
VGA IN	1	SPDIF	1	LAN (RJ45)	1
AUDIO IN	1	AUDIO OUT	1	RS232	1

AUDIO

Sound Channel	2.0
Output Power	2 x 12W

ANDROID SYSTEM

System Version	Android 8.0
CPU	Dual Core A73 + Dual Core A53
GPU	Quad Core Mali G51
RAM	3GB
ROM	16GB

Optional PC Module Available
Models: MT21 / MT43A / MT43V

POWER

Power Requirements	100-240V~ 50/60Hz 3.0A
Overall Power	300W
Standby Power	≤0.5W

PHYSICAL SPECIFICATIONS

Dimensions LxHxD	1269×773×86mm
Dimensions (Package) LxHxD	1428×220×878mm
Thickness of Machine & Wall Mount	116mm(WIB9060G)
Wall-Hanging Screw Spec	M8×25mm
VESA	400 x 200mm
Net Weight	26.75KG
Gross Weight	34.35KG

1269±2mm

1233mm（OPENING）

1214±1.5mm（ACTIVE AREA）

86±2mm

51mm

24mm

55 INCH

688±1.5mm（ACTIVE AREA）

709mm（OPENING）

773±2mm

434mm

400mm

270mm

200mm

4-M8×25mm
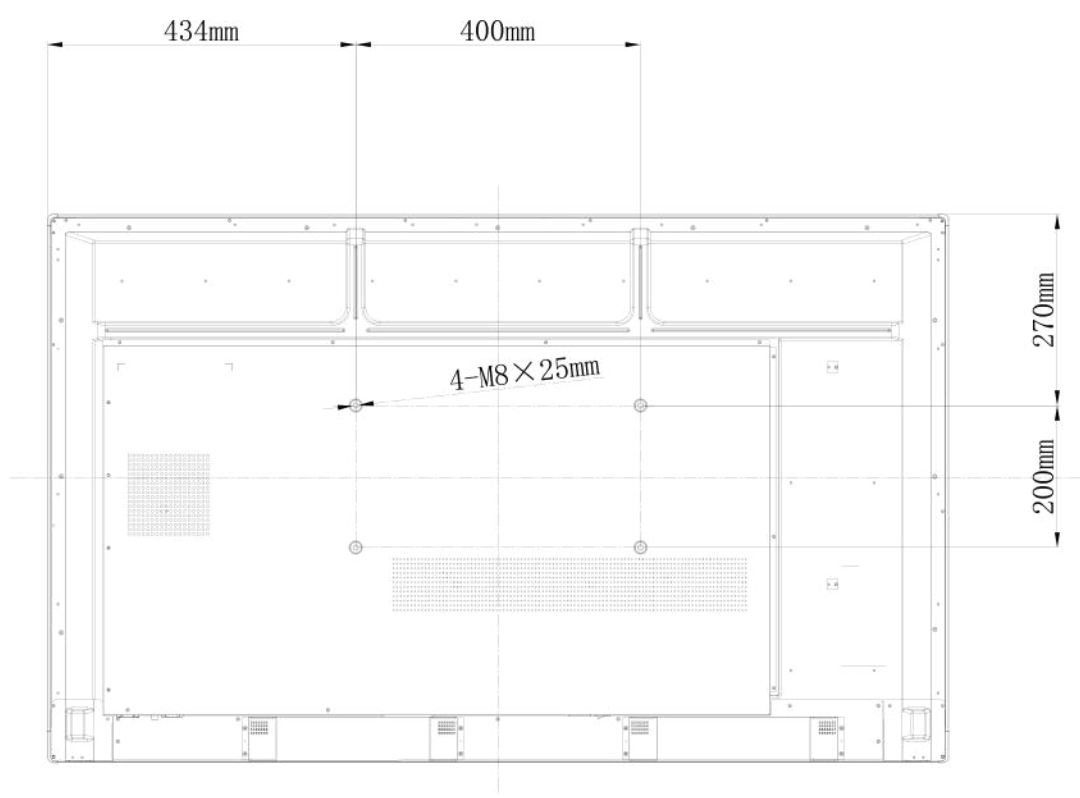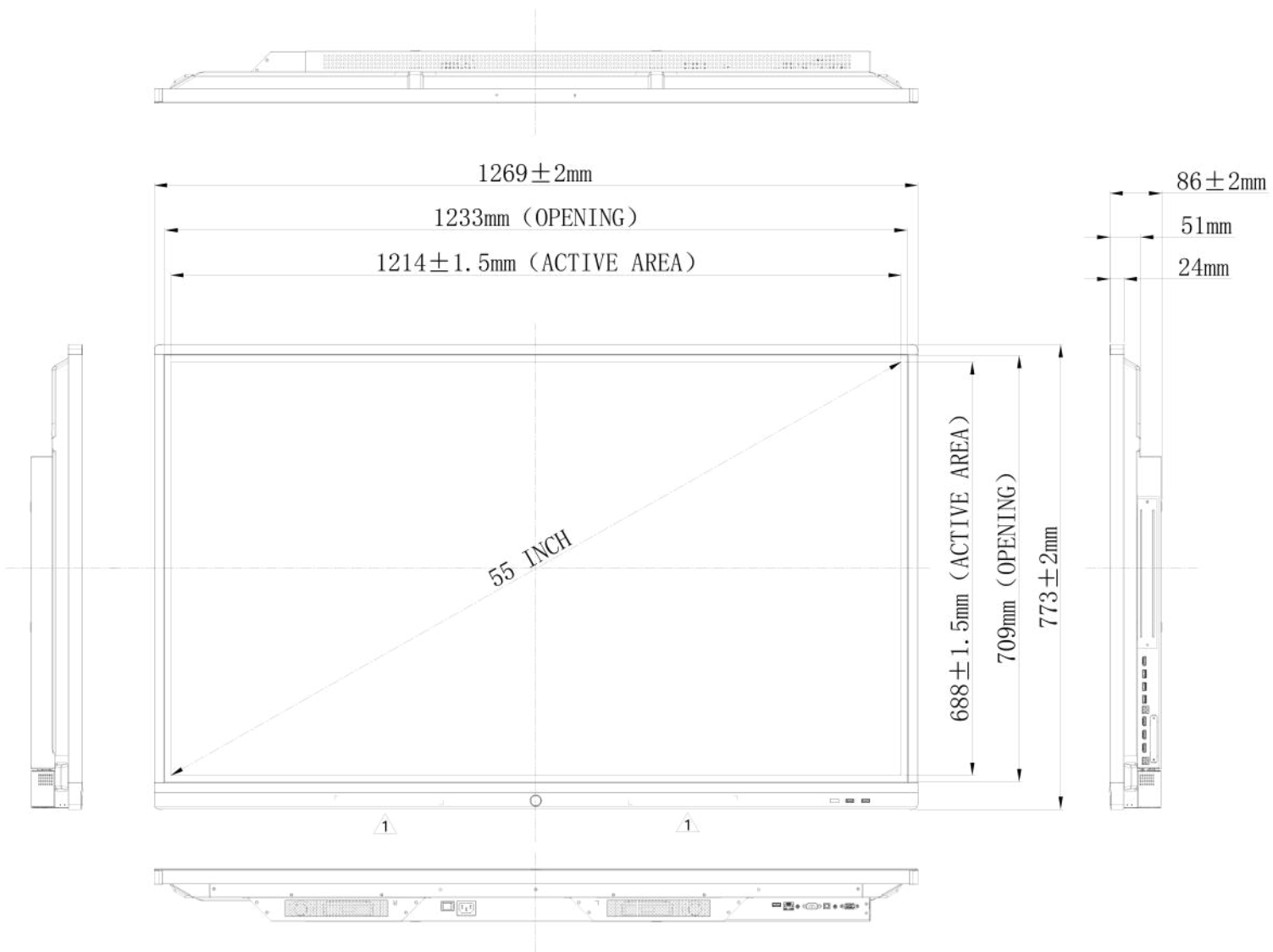
Specifications

DISPLAY

Size (Inches)	65
Aspect Ratio	16:9
Resolution	3840(H) x 2160(V)
Backlight type	DLED
Refreshing Frequency	60Hz
Display Colour	1.07B (10bit)
Display Area	1428.48(H) × 803.52(V)mm
Pixel Pitch	0.372mm x 0.372mm
Response Time	8ms
Contrast Ratio	1200:1
Viewing Angle	178°(H/V)
Lifetime	30,000 Hours
Brightness with Glass (typ)	350 cd/m2
Brightness with Glass (min)	300 cd/m2

TOUCH SYSTEM

Sensing Type	Infrared Recognition
Touch Point	20 Points Touch
Touch Tool	Finger, Passive Infrared Pen
Minimum Object Size	3mm
Response Time	≤10ms
Accuracy	<1.5mm
Writing Height	<3mm
Writing Double Colours With Double Pens Simultaneously	Supported
Touch Drive	Free Drive
Interpolation Resolution	32768(W) x 32768(D)

I/O PORT

HDMI IN	3	**HDMI OUT**	1	**TOUCH OUT**	2
USB 2.0	3	**USB 3.0**	3	**USB TYPE-C**	0
VGA IN	1	**SPDIF**	1	**LAN (RJ45)**	1
AUDIO IN	1	**AUDIO OUT**	1	**RS232**	1

AUDIO

Sound Channel	2.0
Output Power	2 x 12W

ANDROID SYSTEM

System Version	Android 8.0
CPU	Dual Core A73 + Dual Core A53
GPU	Quad Core Mali G51
RAM	3GB
ROM	16GB

Optional PC Module Available
Models:
MT43A / MT21

POWER

Power Requirements	100-240V~ 50/60Hz 3.5A
Overall Power	350W
Standby Power	≤0.5W

PHYSICAL SPECIFICATIONS

Dimensions LxHxD	1489×897×86mm
Dimensions (Package) LxHxD	1656×204×1050mm
Thickness of Machine & Wall Mount	116mm(WIB9060G)
Wall-Hanging Screw Spec	M8×25mm
VESA	600mm x 400mm
Net Weight	40.20KG
Gross Weight	51.30KG

1489±2mm
1453mm (OPENING)
1428±1.5mm (ACTIVE AREA)

86±2mm
52mm
24mm

65" INCH

804±1.5mm (ACTIVE AREA)
833mm (OPENING)
897±2mm

⚠ 1

444mm
600mm

4-M8X25mm

222mm
400mm
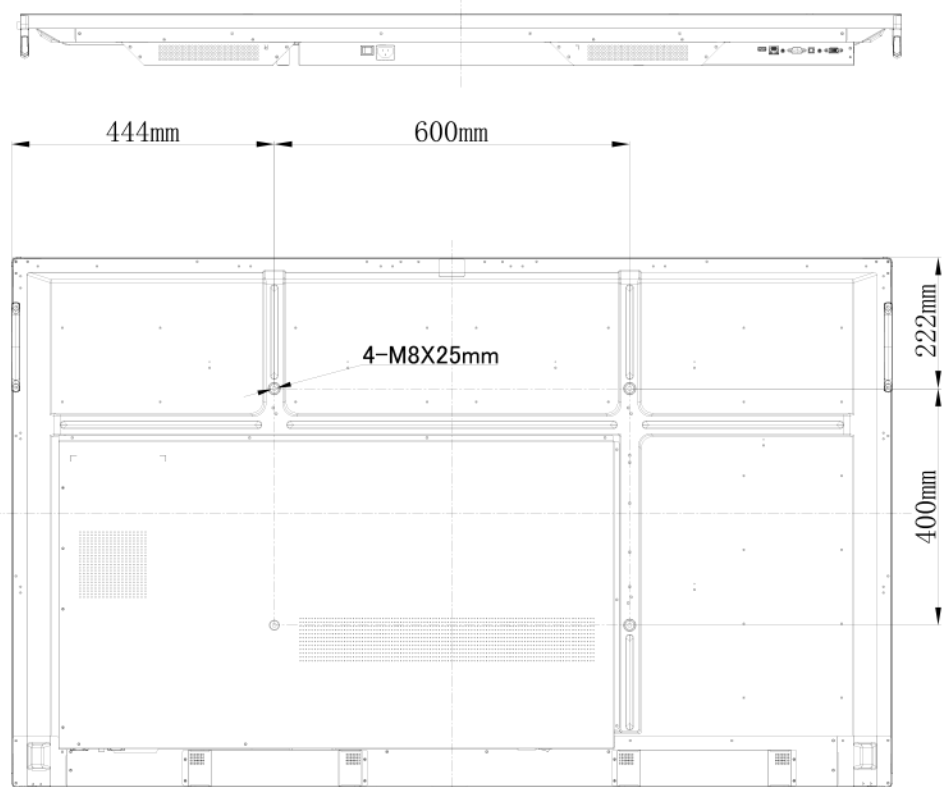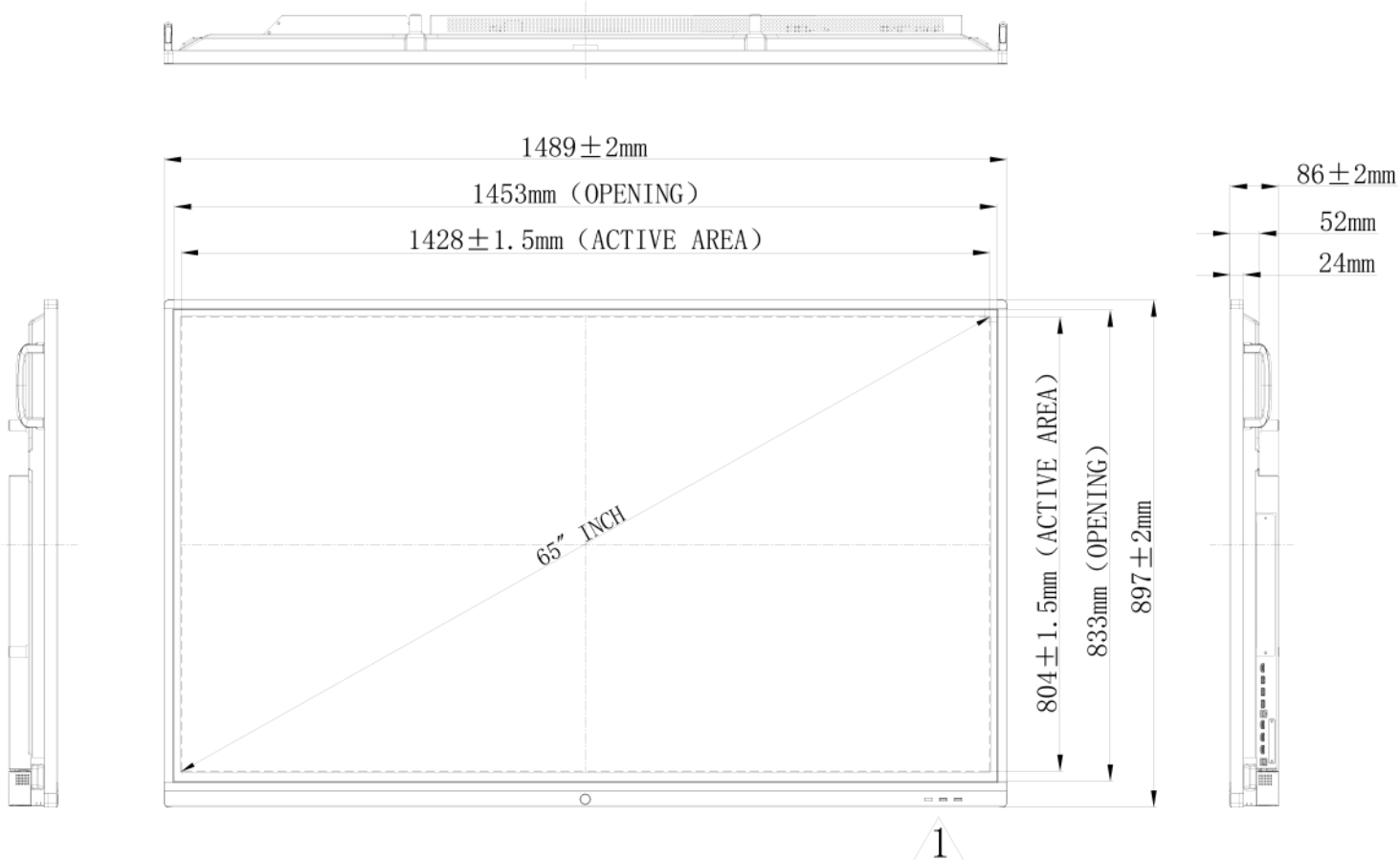
Specifications

DISPLAY

Size (Inches)	75
Aspect Ratio	16:9
Resolution	3840(H) x 2160(V)
Backlight type	DLED
Refreshing Frequency	60Hz
Display Colour	1.07B (10bit)
Display Area	1649.664(H)×927.936(V)mm
Pixel Pitch	0.4296×0.4296mm
Response Time	8ms
Contrast Ratio	1200:1
Viewing Angle	178°(H/V)
Lifetime	≥30000 Hours
Brightness with Glass (typ)	350 cd/m2
Brightness with Glass (min)	300 cd/m2

TOUCH SYSTEM

Sensing Type	Infrared Recognition
Touch Point	20 Points Touch
Touch Tool	Finger, Passive Infrared Pen
Minimum Object Size	3mm
Response Time	≤10ms
Accuracy	<1.5mm
Writing Height	<3mm
Writing Double Colours With Double Pens Simultaneously	Not Supported
Touch Drive	Free Drive
Interpolation Resolution	32768(W) x 32768(D)

I/O PORT

HDMI IN	3	**HDMI OUT**	1	**TOUCH OUT**	2
USB 2.0	3	**USB 3.0**	3	**USB TYPE-C**	0
VGA IN	1	**SPDIF**	1	**LAN (RJ45)**	1
AUDIO IN	1	**AUDIO OUT**	1	**RS232**	1

AUDIO

Sound Channel	2.0
Output Power	2 x 12W
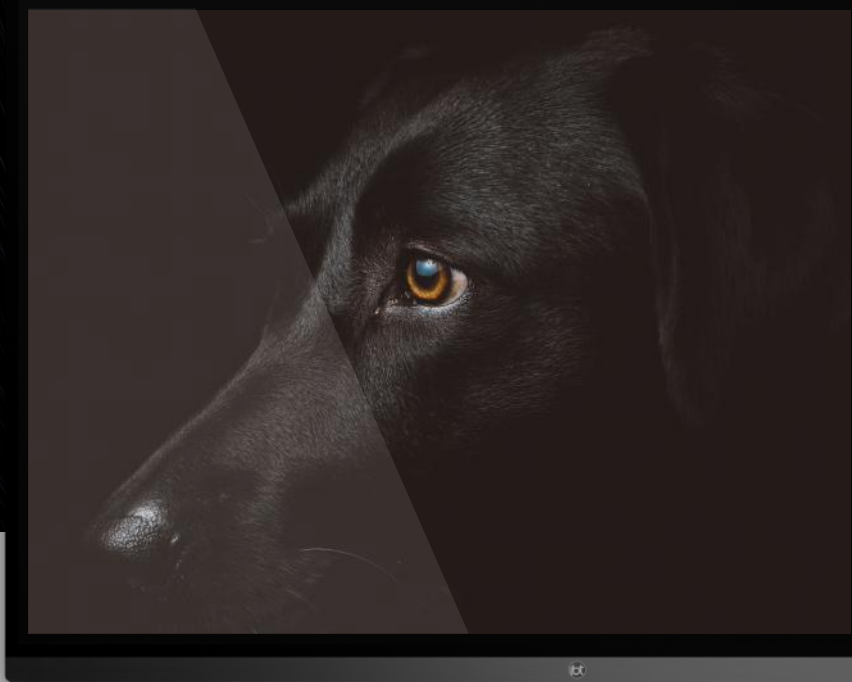
ANDROID SYSTEM

System Version	Android 8.0
CPU	Dual Core A73 + Dual Core A53
GPU	Mali G51 x4
RAM	4GB
ROM	32GB

Optional PC Module Available
Models: MT43A / MT43V / MT21

POWER

Power Requirements	100-240V~ 50/60Hz 4.0A
Overall Power	400W
Standby Power	≤0.5W

PHYSICAL SPECIFICATIONS

Dimensions LxHxD	1710×1020×86mm
Dimensions (Package) LxHxD	1860×280×1140mm
Thickness of Machine & Wall Mount	116mm(WIB9060G)
Wall-Hanging Screw Spec	M8×25mm
VESA	800mm x 400mm
Net Weight	53.60KG
Gross Weight	71.20KG

1710±2mm
1674mm(OPENING)
1650±1.5mm(ACTIVE AREA)
18mm
18mm
18mm
75" INCH
46mm
928±1.5mm(ACTIVE AREA)
956mm(OPENING)
1020±2mm
86±2mm
54mm
24mm
47mm

455mm
800mm
201mm
400mm
4-M8X25mm
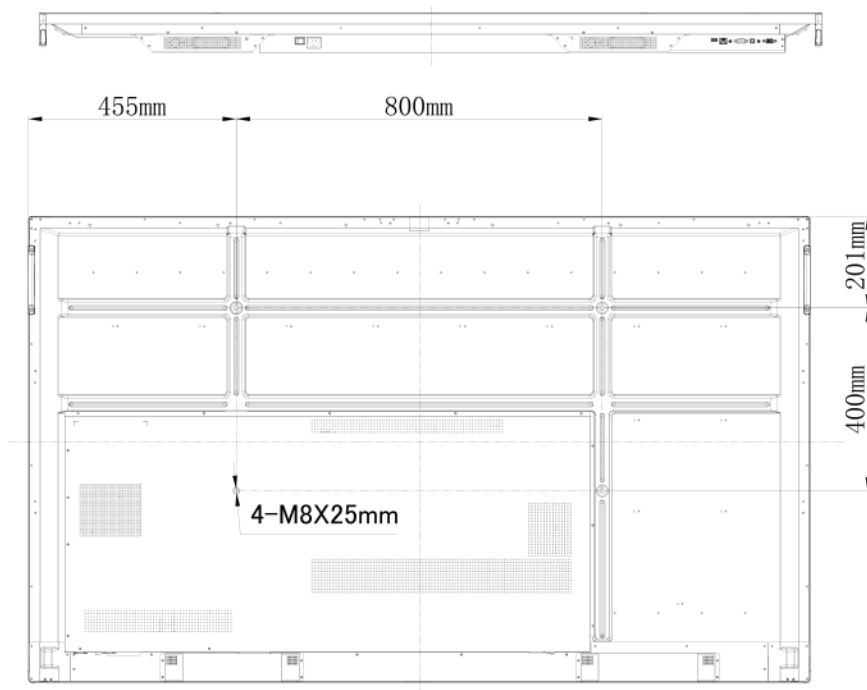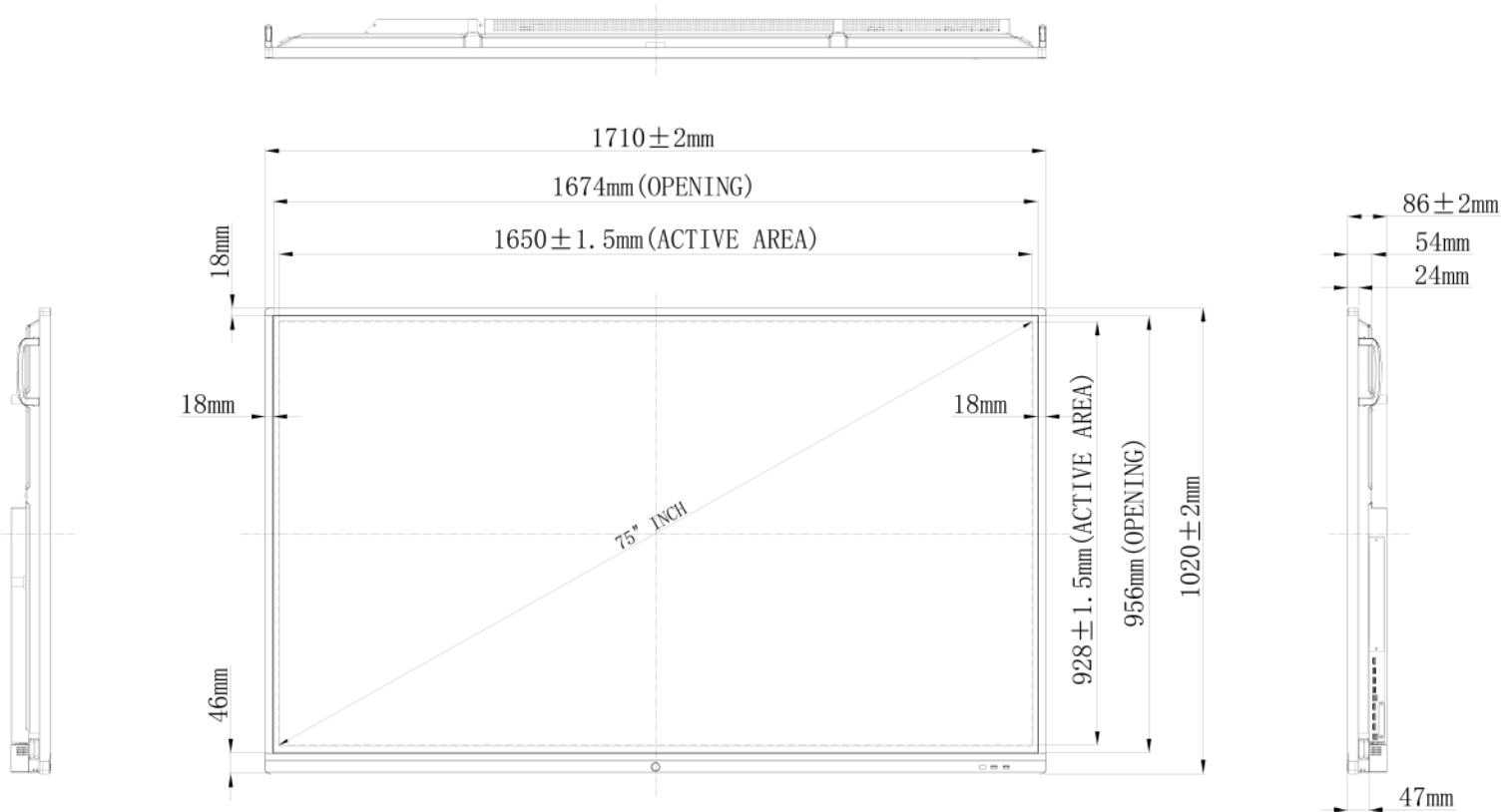
Specifications

DISPLAY

Size (Inches)	86
Aspect Ratio	16:9
Resolution	3840(H) x 2160(V)
Backlight type	DLED
Refreshing Frequency	60Hz
Display Colour	1.07B (10bit)
Display Area	1895.04(H)×1065.96(V)mm
Pixel Pitch	0.4935×0.4935mm
Response Time	8ms
Contrast Ratio	1200:1
Viewing Angle	178°(H/V)
Lifetime	30000 Hours
Brightness with Glass (typ)	350 cd/m2
Brightness with Glass (min)	300 cd/m2

TOUCH SYSTEM

Sensing Type	Infrared Recognition
Touch Point	20 Points Touch
Touch Tool	Finger, Passive Infrared Pen
Minimum Object Size	3mm
Response Time	≤10ms
Accuracy	<1.5mm
Writing Height	<3mm
Writing Double Colours With Double Pens Simultaneously	Supported
Touch Drive	Free Drive
Interpolation Resolution	32768(W) x 32768(D)

I/O PORT

HDMI IN	3	HDMI OUT	1	TOUCH OUT	2
USB 2.0	3	USB 3.0	3	USB TYPE-C	0
VGA IN	1	SPDIF	1	LAN (RJ45)	1
AUDIO IN	1	AUDIO OUT	1	RS232	1

AUDIO

Sound Channel	2.0
Output Power	2 x 12W

ANDROID SYSTEM

System Version	Android 8.0
CPU	Dual Core A73 + Dual Core A53
GPU	Quad Core Mali G51
RAM	3GB
ROM	16GB

Optional PC Module Available
Models:
MT21 / MT43A

POWER

Power Requirements	100-240V~ 50/60Hz 5.5A
Overall Power	5500W
Standby Power	≤0.5W

PHYSICAL SPECIFICATIONS

Dimensions LxHxD	1957.2×1160×86mm
Dimensions (Package) LxHxD	2211×280×1370mm
Thickness of Machine & Wall Mount	116mm(WIB9060G)
Wall-Hanging Screw Spec	M8×25mm
VESA	800mm x 600mm
Net Weight	64.65KG
Gross Weight	95.55KG

1957.2±2mm
1921.6mm
1897.2±1.5mm(AA)

86"INCH

1160±2mm
1096.4mm
1068±1.5mm(AA)

86±2mm
53.6mm
23.6mm

578.8mm
800mm
288.8mm
600mm
4-M8X25mm
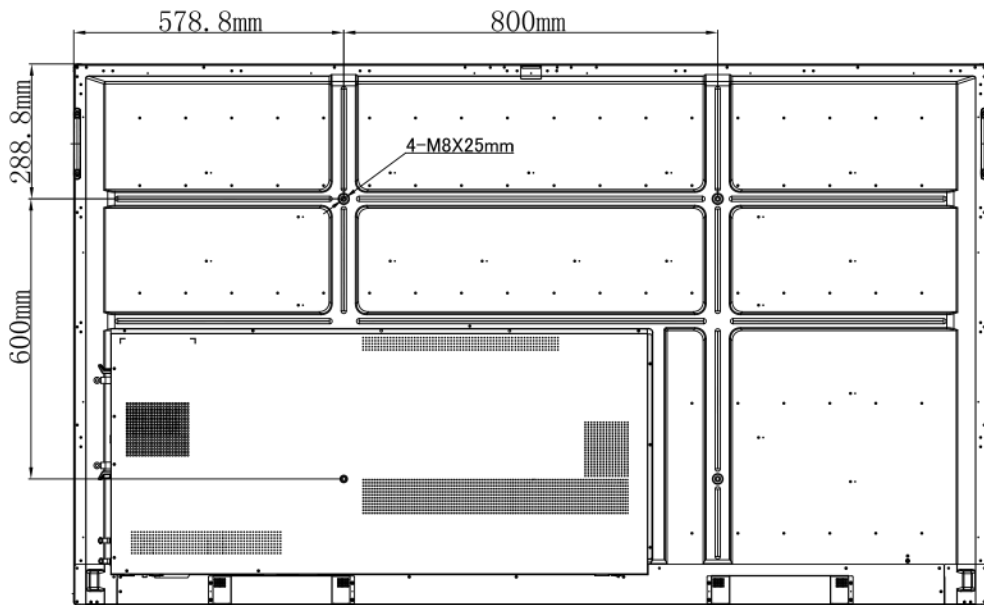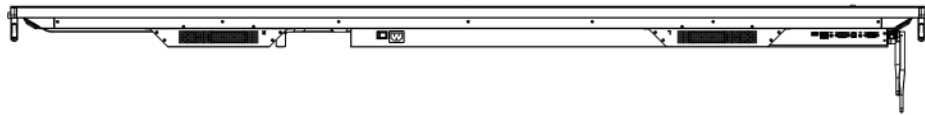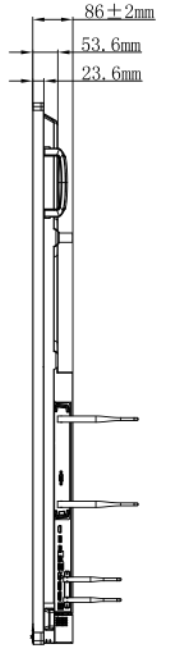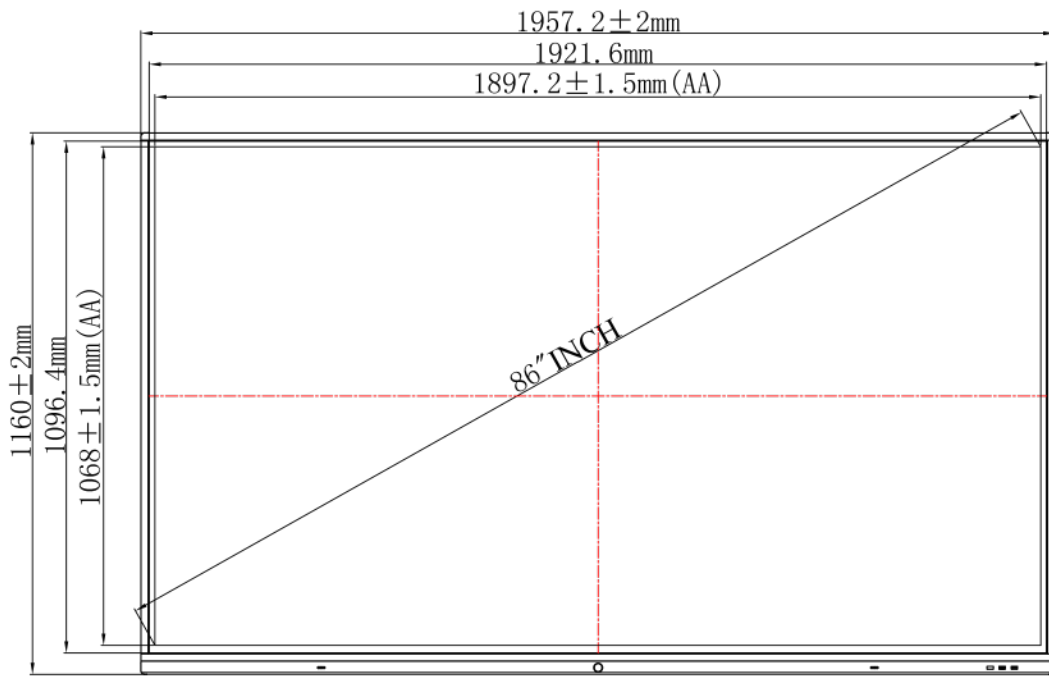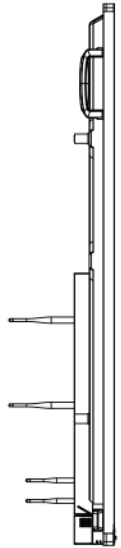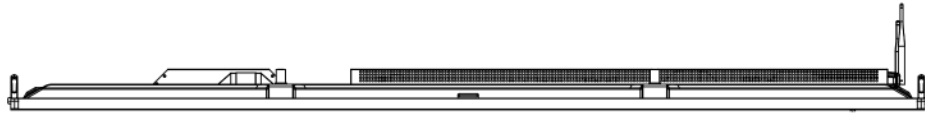
Specifications

DISPLAY

Size (Inches)	98
Aspect Ratio	16:9
Resolution	3840(H) x 2160(V)
Backlight type	DLED
Refreshing Frequency	60Hz
Display Colour	1.07B (10bit)
Display Area	2158.848(H)×1214.352(V)mm
Pixel Pitch	0.5622× 0.5622mm
Response Time	8ms
Contrast Ratio	1200:1
Viewing Angle	178°(H/V)
Lifetime	≥30000 Hours
Brightness with Glass (typ)	350 cd/m2
Brightness with Glass (min)	300 cd/m2

TOUCH SYSTEM

Sensing Type	Infrared Recognition
Touch Point	20 Points Touch
Touch Tool	Finger, Passive Infrared Pen
Minimum Object Size	2mm
Response Time	≤12ms
Accuracy	± 1.5mm
Writing Height	<3mm
Writing Double Colours With Double Pens Simultaneously	Supported
Touch Drive	Free Drive
Interpolation Resolution	32768(W) x 32768(D)

I/O PORT

HDMI IN	3	**HDMI OUT**	1	**TOUCH OUT**	2
USB 2.0	1	**USB 3.0**	4	**USB TYPE-C**	1
VGA IN	1	**SPDIF**	1	**LAN (RJ45)**	1
AUDIO IN	1	**AUDIO OUT**	1	**RS232**	1
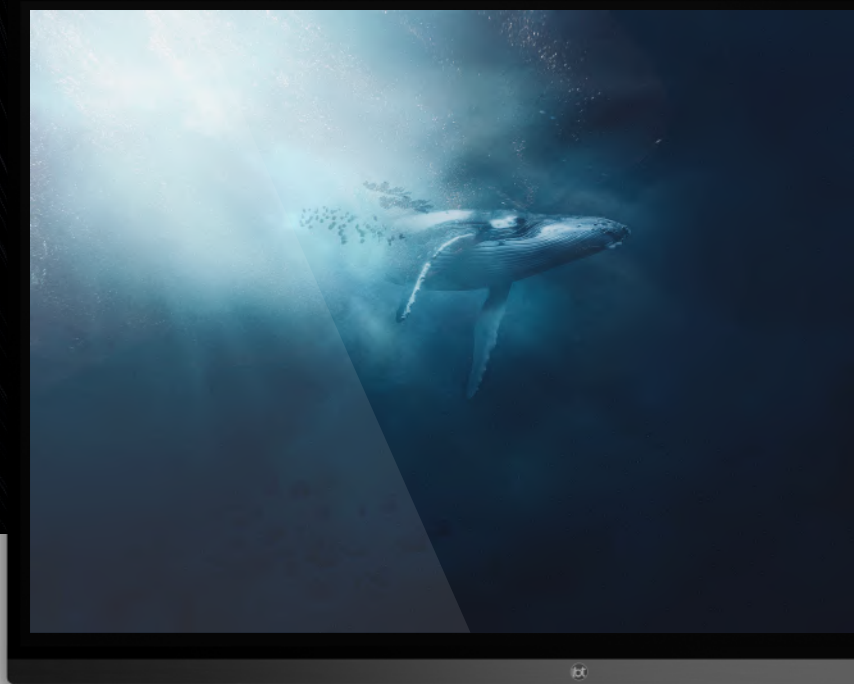
AUDIO

Sound Channel	2.0
Output Power	2 x 16W

ANDROID SYSTEM

System Version	Android 9.0
CPU	A73 x4
GPU	G52MC 2
RAM	4GB
ROM	32GB

Optional PC Module Available
Models: OPS42A

POWER

Power Requirements	100-240V~ 50/60Hz 6.0A
Overall Power	600W
Standby Power	≤0.5W

PHYSICAL SPECIFICATIONS

Dimensions LxHxD	2244.7× 1323.2× 89.5mm
Dimensions (Package) LxHxD	2483× 376× 1493mm
Thickness of Machine & Wall Mount	135.5mm(WIB 9060F)
Wall-Hanging Screw Spec	M8×25mm
VESA	800mm x 600mm
Net Weight	103.55KG
Gross Weight	135.15KG

2244.7±2mm [88.374±0.079]
2190.6±1.5mm(OPENING) [86.246±0.059]
2162±1.5mm(AA) [85.118±0.059]

1.740
44.2mm

89.5mm [3.524]
59.2mm [2.331]
48.7mm [1.917]

1323.2±2mm [52.093±0.079]
1248.4±1.5mm(OPENING) [49.151±0.059]
1217.4±1.5mm(AA) [47.929±0.059]

98" INCH

61.3mm [2.412]

41.1mm [1.618]
41.1mm [1.618]

50.2mm [1.976]

353.1mm [13.900]

722.4mm [28.439]
800mm [31.496]

600mm [23.622]

4-M8×25

370mm [14.565]
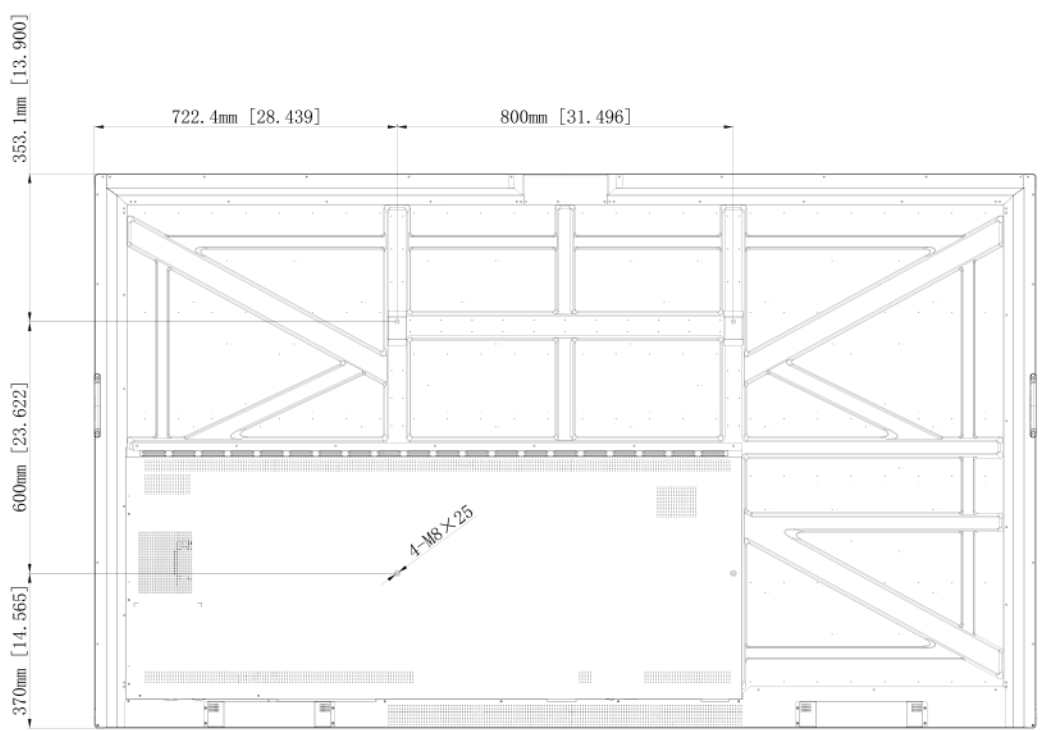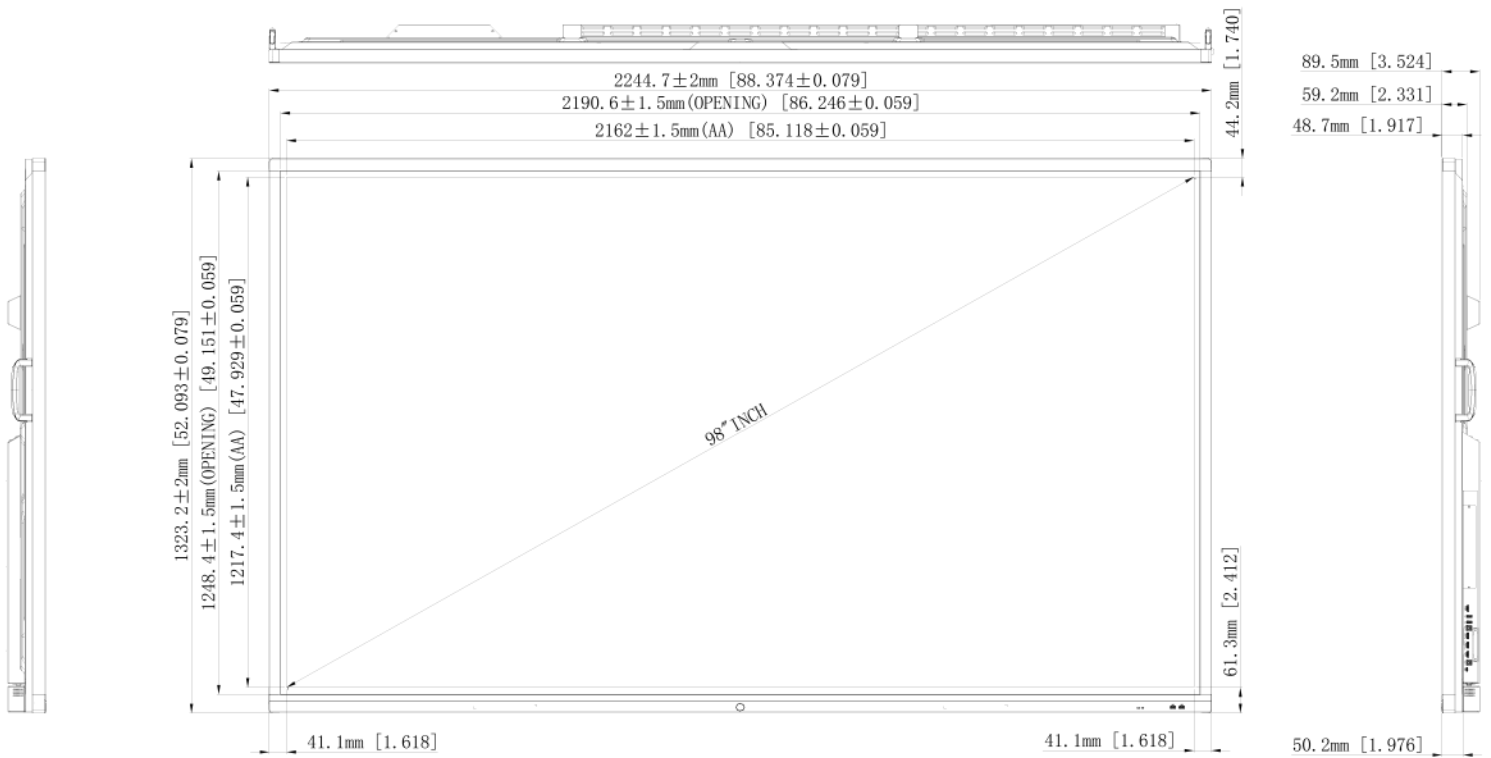
OPTIONAL EXTRA | PC MODULE

Adding an integrated PC into the Series Edge gives you an impressive all-in-one solution, taking away the need to make space for an additional laptop or PC. The module simply slots into the side, with no complicated set up or wiring needed. Benefit from an instant on/off, lower power consumption, and the tidiness of having no trailing wires.


i5 Model

Intel® i5
4GB RAM | 128GB SSD
Intel® Graphics Card
802.11 b/g/n
10/100/1000Mbps Wired Network
1x HDMI | 1x USB 2.0 | 3x USB 3.0
1x Audio/Mic | 1x RJ45 | 1x RS232

i7 Model

Intel® i7 6500U 2.5Ghz (Up to 3.1Ghz)
8GB RAM | 256GB SSD
Intel® HD 520
802.11 b/g/n
10/100/1000Mbps Wired Network
1x HDMI | 1x USB 2.0 | 3x USB 3.0
1x Audio/Mic | 1x RJ45 | 1x RS232

MOBILE FLOOR STAND

Pairing your Xi Series with an integrated PC and mobile floor stand gives you the freedom and flexibility to move the Series Edge into any space. Using the lockable castors, secure your display and transform your space into a learning or meeting hub wherever you need. The mobile floor stand is a great addition for creating temporary digital signage for events, conferences or open days too.
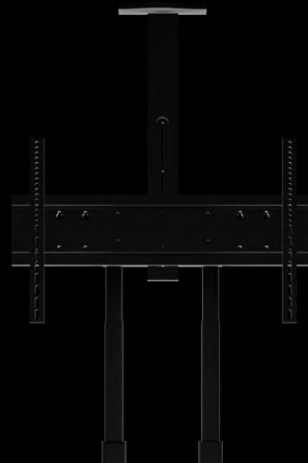
Business Pack
For users who want a more mobile solution.

- Intel® i7 6500U 2.5Ghz (Up to 3.1Ghz) PC Module
- Windows 7 Operating
  (upgrade to 10 at no additional cost)
- Mobile Heavy Duty Floor Stand (MSS-6598-01)
- Wireless Keyboard & Mouse
- Webcam with Integrated Microphone
- 5 Additional Nexus Collaboration Participant Licences

VC Pack
For users who want a mobile solution and rely on video conferencing sessions.

- Intel® i7 6500U 2.5Ghz (Up to 3.1Ghz) PC Module
- Windows 7 Operating
  (upgrade to 10 at no additional cost)
- Mobile Heavy Duty Floor Stand (MSS-6598-01)
- Wireless Keyboard & Mouse
- Logitech 90° Group Conferencing Camera
- 5 Additional Nexus Collaboration Participant Licences

Display	Xi Edge 55	Xi Edge 65	Xi Edge 75	Xi Edge 86	Xi Edge 98
Size (Inches)	55	65	75	86	98
Aspect Ratio	16:9	16:9	16:9	16:9	16:9
Display Area	1209.6(H)×680.4(V)mm	1428.48(H)×803.52(V)mm	1649.664(H)×927.936(V)mm	1895.04(H)×1065.96(V)mm	2158.848(H)×1214.352(V)mm
Resolution	3840(H)×2160(V)	3840(H)×2160(V)	3840(H)×2160(V)	3840(H)×2160(V)	3840(H)×2160(V)
Pixel Pitch	0.315×0.315mm	0.372×0.372mm	0.4296×0.4296mm	0.4935×0.4935mm	0.5622×0.5622mm
Response Time	8ms	8ms	8ms	8ms	8ms
Refreshing Frequency	60Hz	60Hz	60Hz	60Hz	60Hz
Display Colour	1.07B(10bit)	1.07B(10bit)	1.07B(10bit)	1.07B(10bit)	1.07B(10bit)
Back Light Type	DLED	DLED	DLED	DLED	DLED
Brightness with glass (typ)	350cd/m2	350 cd/m2	350cd/m2	350 cd/m2	350cd/m3
Brightness with glass (min)	300cd/m2	300 cd/m2	300cd/m2	300 cd/m2	300cd/m3
Contrast Ratio	1200.0	1200.0	1200:1	1200:1	1200:1
Viewing Angle	178°(H/V)	178°(H/V)	178°(H/V)	178°(H/V)	178°(H/V)
Life Time	30000 Hours	30000 Hours	≥30000 Hours	30000 Hours	≥30000 Hours
Audio					
Sound Channel	2	2.0	2	2	2
Output Power	2×12W	2×12W	2×12W	2×12W	2×16W
I/O Port					
HDMI IN	3	3	3	3	3
HDMI OUT	1	1	1	1	1
USB 2.0	3 (including 2 USB ports in front)	3 (including 2 USB ports in front)	3 (including 2 USB ports in front)	3 (including 2 USB ports in front)	1
USB 3.0	3	3	3	3	4 (including 2 USB ports in front)
USB Type-C	0	0	0	0	1
TOUCH OUT	2	2	2	2	2 (v. 3.0)
VGA IN	1	1	1	1	1
AUDIO IN	1	1	1	1	1
AUDIO OUT	1	1	1	1	1
SPDIF	1	1	1	1	1
LAN(RJ45)	1	1	1	1	1
RJ45 OUT	-	-	-	-	1
RS232	1	1	1	1	1
Touch System					
Sensing Type	Infrared recognition	Infrared recognition	Infrared recognition	Infrared recognition	Infrared recognition
System	Windows10/Windows8/Windows7/Windows XP /Linux/Mac OS X/Android/Chrome	Windows10/Windows8/Windows7/Windows XP /Linux/Mac OS X/Android/Chrome	Windows10/Windows8/Windows7/Windows XP /Linux/Mac OS X/Android/Chrome	Windows10/Windows8/Windows7/Windows XP /Linux/Mac OS X/Android/Chrome	Windows10/Windows8/Windows7/Windows XP /Linux/Mac OS X/Android/Chrome
Touch Point	2 points touch	20 points touch	20 points touch	20 points touch	20 points touch
Minimum Object Size	3mm	3mm	3mm	3mm	2mm
Touch Tool	Finger,Passive infrared pen	Finger,Passive infrared pen	Finger,Passive infrared pen	Finger,Passive infrared pen	Passive infrared pen, Active infrared pen
Response Time	≤10ms	≤10ms	≤10ms	≤10ms	≤12ms
Accuracy	±1.5mm	<1.5mm	<1.5mm	<1.5mm	±1.5mm
Writing Height	<3mm	<3mm	<3mm	<3mm	<3mm
Writing double colors with double pens simultaneously	Supported	Supported	-	Supported	Supported
Touch Drive	Free Drive	Free Drive	Free Drive	Free Drive	Free Drive
Interpolation Resolution	32768(W)×32768(D)	32768(W)×32768(D)	32768(W)×32768(D)	32768(W)×32768(D)	32768(W)×32768(D)
Android System					
System Version	Android 8.0	Android 8.0	Android 8.0	Android 8.0	Android 9.0
CPU	Dual core A73+Dual core A53	Dual core A73+Dual core A53	Dual core A73+Dual core A53	Dual core A73+Dual core A53	A73×4
GPU	Quad core Mali G51	Quad core Mali G51	Mali-G51×4	Quad core Mali G51	G52MC2
RAM	3GB	3GB	4GB	3GB	4GB
ROM	16GB	16GB	32GB	16GB	32GB
Power					
Power Requirements	100-240V~50/60Hz 3.0A	100-240V~50/60Hz 3.5A	100-240V~50/60Hz 4.0A	100-240V~50/60Hz 5.5A	100-240V~50/60Hz 6.0A
Overall Power	300W	350W	400W	550W	600W
Standby Power	≤0.5W	≤0.5W	≤0.5W	≤0.5W	≤0.5W
Physical Specifications					
Dimensions LxHxD	1269×773×86mm	1489×897×86mm	1710×1020×86mm	1957.2×1160×86mm	2244.7×1323.2×89.5mm
Dimension (Package) LxWxH	1428×220×878mm	1656×204×1050mm	1860×280×1140mm	2211×280×1370mm	2483×376×1493mm
Thickness of machine and wall mount	116mm(WB9060G)	116mm(WB9060G)	116mm(WB9060G)	116mm(WB9060G)	135.5mm(WB9060F)
Wall-hanging Screw Spec	M8×25mm	M8×25mm	M8×25mm	M8×25mm	M8×25mm
VESA	400×200mm	600×400mm	800×400mm	800×600mm	800×600mm
Net Weight	26.75kg	40.20kg	53.60kg	64.66kg	103.55Kg
Gross Weight	34.35kg	51.30kg	71.20kg	95.55kg	135.15Kg

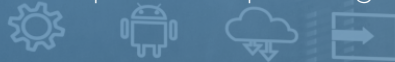| Accessories				
Power Cord (Eur/Amer/UK standard opt.)	x1 (3 meters)	x1 (3 meters)	x1 (3 meters)	x1
HDMI Cable	x1 (3 meters)	x1 (3 meters)	x1 (3 meters)	x1
USB Touch Cable (Type A-B)	x1 (5 meters)	x1 (5 meters)	x1 (5 meters)	x1
Writing Pen	x1	x2	x2	x2
Remote Control	x0	x1	x1	x1
Battery	x2 (AAA)	x2 (AAA)	x2 (AAA)	x2 (AAA)
Quick Start Guide	x0	x1	x1	-
Environmental Conditions				
Operation Temperature	0°C- 40°C	0°C- 40°C	0°C- 40°C	0°C- 40°C
Operation Humidity	10% - 90%RH	10% - 90%RH	10% - 90%RH	10% - 90%RH
Storage Temperature	-20°C - 60°C	-20°C - 60°C	-20°C - 60°C	-20°C - 60°C
Storage Humidity	10% - 90%RH	10% - 90%RH	10% - 90%RH	10% - 90%RH
Altitude	Below 5000 meters	Below 5000 meters	Below 5000 meters	Below 5000 meters
Compatible with PC Module (Optional)				
Model	MT21&MT43A&MT43V	MT43A&MT21	MT43A/MT43V/MT21 (WM SI01)	MT21/MT43A	OPS42A(WM SI01)

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