Xi Series

EDGEPLUS

Datasheet 65 / 75 / 86

DISCOVER IBT

The Series
EDGE PLUS

The Xi Series Edge Plus 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.

Features

EXTENSIVE CONNECTIVITY
Including USB 3.0 and USB Type-C, a total of 19 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.
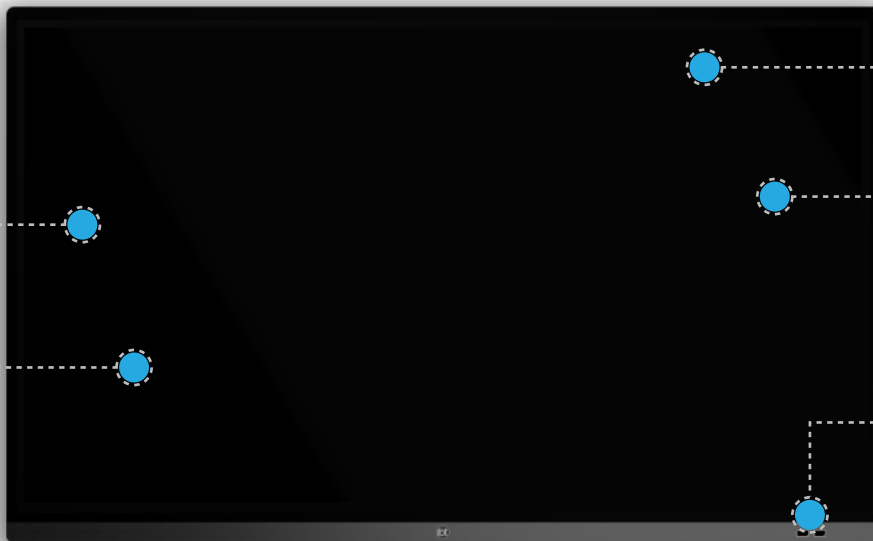
BUILT IN WI-FI
Browse the internet, send and recieve emails, and stream video, all without needing to connect a PC.

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.
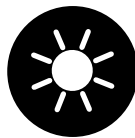
ACCUTOUCH 2.0
Less than 1.5mm accuracy and no special pens required. 20 Point touch

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

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)	65
Aspect Ratio	16:9
Resolution	3840(H) x 2160(V)
Backlight type	DLED
Panel Type	ADS
Refreshing Frequency	60Hz
Display Colour	1.07B (10bit)
NTSC	72%
Display Area	1428.48 (H)×803.52(V)mm
Pixel Pitch	0.372×0.372mm
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 / Active Infrared Pen
Minimum Object Size	3mm
Response Time	≤10ms
Accuracy	±1mm
Writing Height	<2mm
Writing Double Colours With Double Pens Simultaneously	Supported
Touch Drive	Free Drive
Interpolation Resolution	32768(W) x 32768(D)

POWER

Power Requirements	100-240V~ 50/60Hz 4.5A
Overall Power	450W
Standby Power	≤0.5W

AUDIO

Sound Channel	2.0
Output Power	2 x 16W

ANDROID SYSTEM

System Version	Android 9.0
CPU	A73x4
GPU	G52MC2
RAM	4GB
ROM	32GB

Optional PC Module Available
Models: MT43A / MT43V

I/O PORT

HDMI IN	3	HDMI OUT	1	TOUCH 3.0	2	**Wireless Module:** SI07
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	

PHYSICAL SPECIFICATIONS

Dimensions LxHxD	1488.4×896.6×86.4mm
Dimensions (Package) LxHxD	1628×208×1005mm
Thickness of Machine & Wall Mount	116.4mm (WIB9060G)
Wall-Hanging Screw Spec	M8×25mm
VESA	600 x 400mm
Net Weight	38KG
Gross Weight	48.5KG

Technical drawing dimensions:

Top front view:
- 1488.4±2mm
- 1454.9mm (OPENING)
- 1428.5±1.5mm (ACTIVE AREA)
- 896.6±2mm
- 834.2mm (OPENING)
- 803.5±1.5mm (ACTIVE AREA)
- 65" INCH

Right side view:
- 86.4mm
- 51.4mm
- 23.8mm
- 46.2mm
- 85.5±2mm

Rear view:
- 444.2mm
- 600mm
- 444.2mm
- 221.8mm
- 400mm
- 274.8mm
- 4-M8X25mm
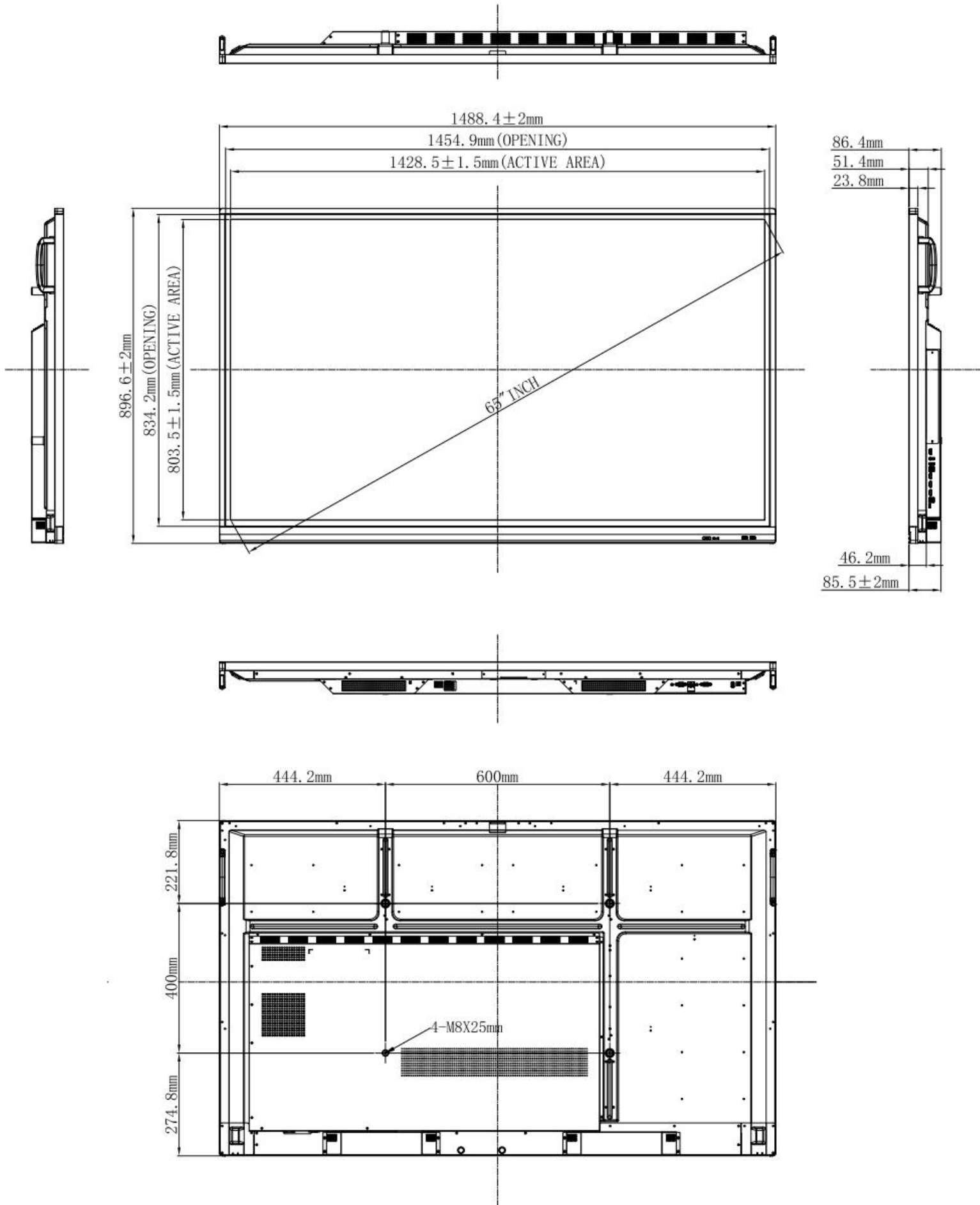
Specifications

DISPLAY

Size (Inches)	75
Aspect Ratio	16:9
Resolution	3840(H) x 2160(V)
Backlight type	DLED
Panel Type	ADS
Refreshing Frequency	60Hz
Display Colour	1.07B (10bit)
NTSC	72%
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	±1mm (90% Area)
Writing Height	<2mm
Writing Double Colours With Double Pens Simultaneously	Supported
Touch Drive	Free Drive
Interpolation Resolution	32768(W) x 32768(D)

POWER

Power Requirements	100-240V~ 50/60Hz 5.5A
Overall Power	550W
Standby Power	≤0.5W
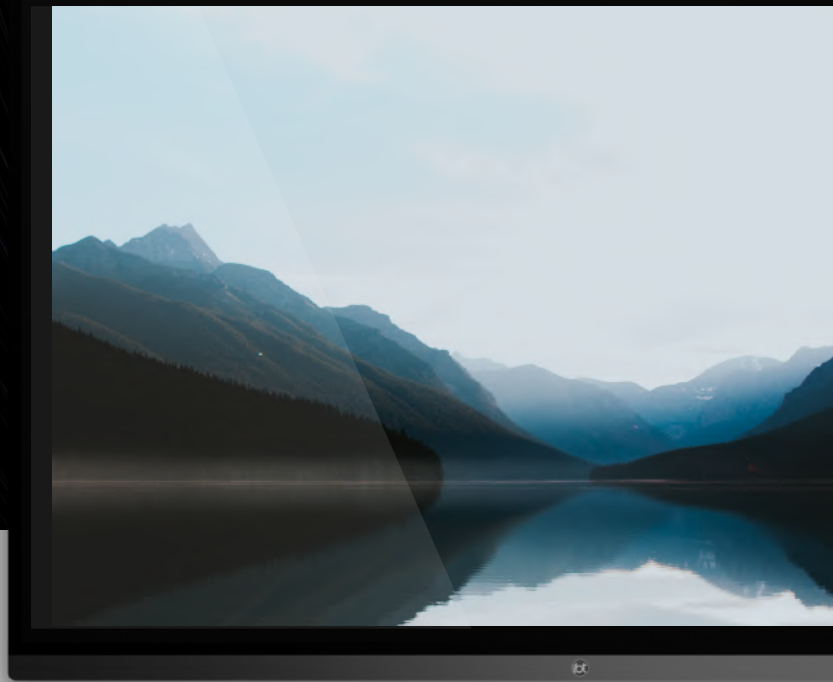
AUDIO

Sound Channel	2.0
Output Power	2 x 16W

ANDROID SYSTEM

System Version	Android 9.0	**Optional PC Module Available**
CPU	A73x4	Models:
GPU	G52MC2	MT43A /
RAM	4GB	MT43V
ROM	32GB	

I/O PORT

HDMI IN	3	**HDMI OUT**	1	**TOUCH 3.0**	2	**Wireless Module:** SI02
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	

PHYSICAL SPECIFICATIONS

Dimensions LxHxD	1709.1×1019.5×85.7mm
Dimensions (Package) LxHxD	1860×280×1140mm
Thickness of Machine & Wall Mount	115.7mm (WIB9060G)
Wall-Hanging Screw Spec	M8×25mm
VESA	800 x 400mm
Net Weight	49.50KG
Gross Weight	63.85KG

1709.1
1678 (OPENING)
1651.7 (AA)
15.5
15.5
15.5
929.9 (AA)
959.6 (OPENING)
1019.5
75 inch
44.4
23.8
454.5
800
200.7
100
4-M8-25
85.7
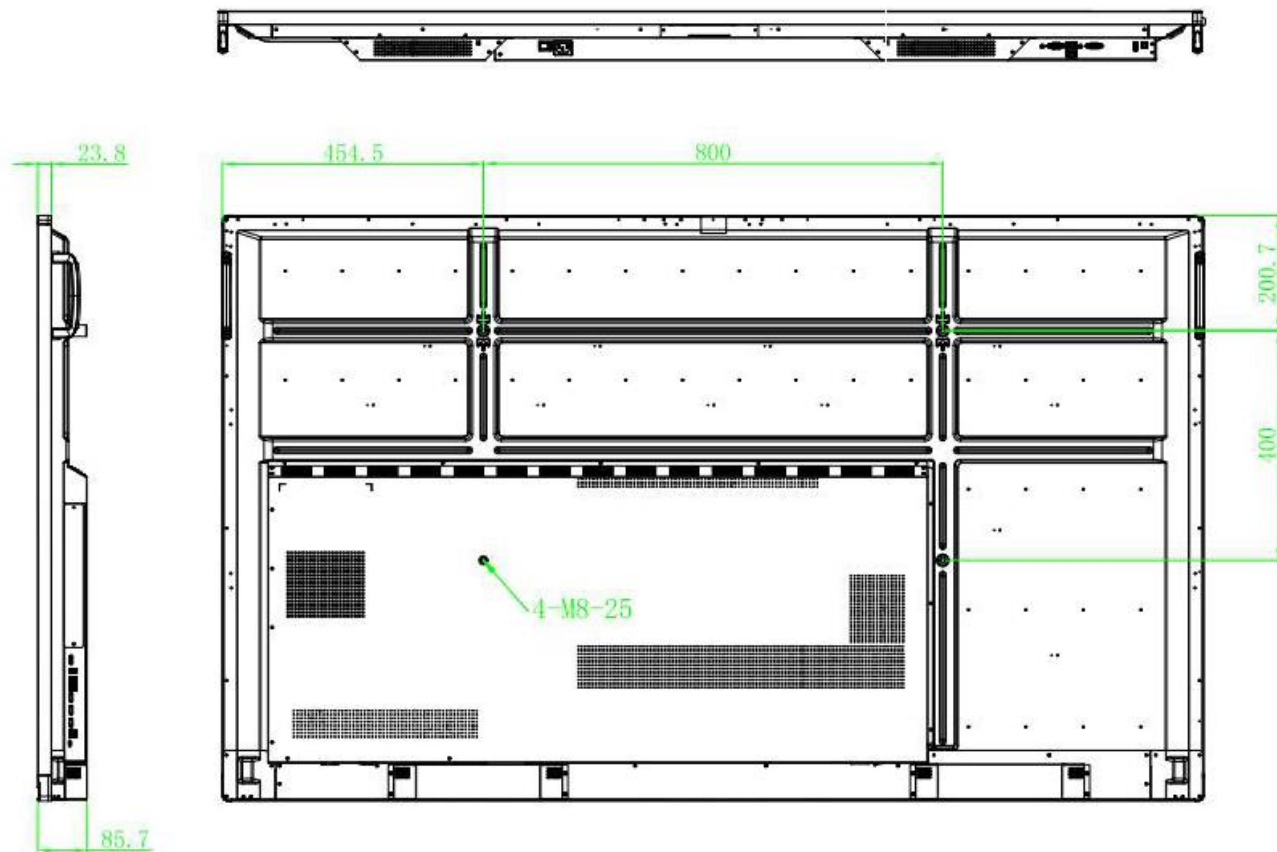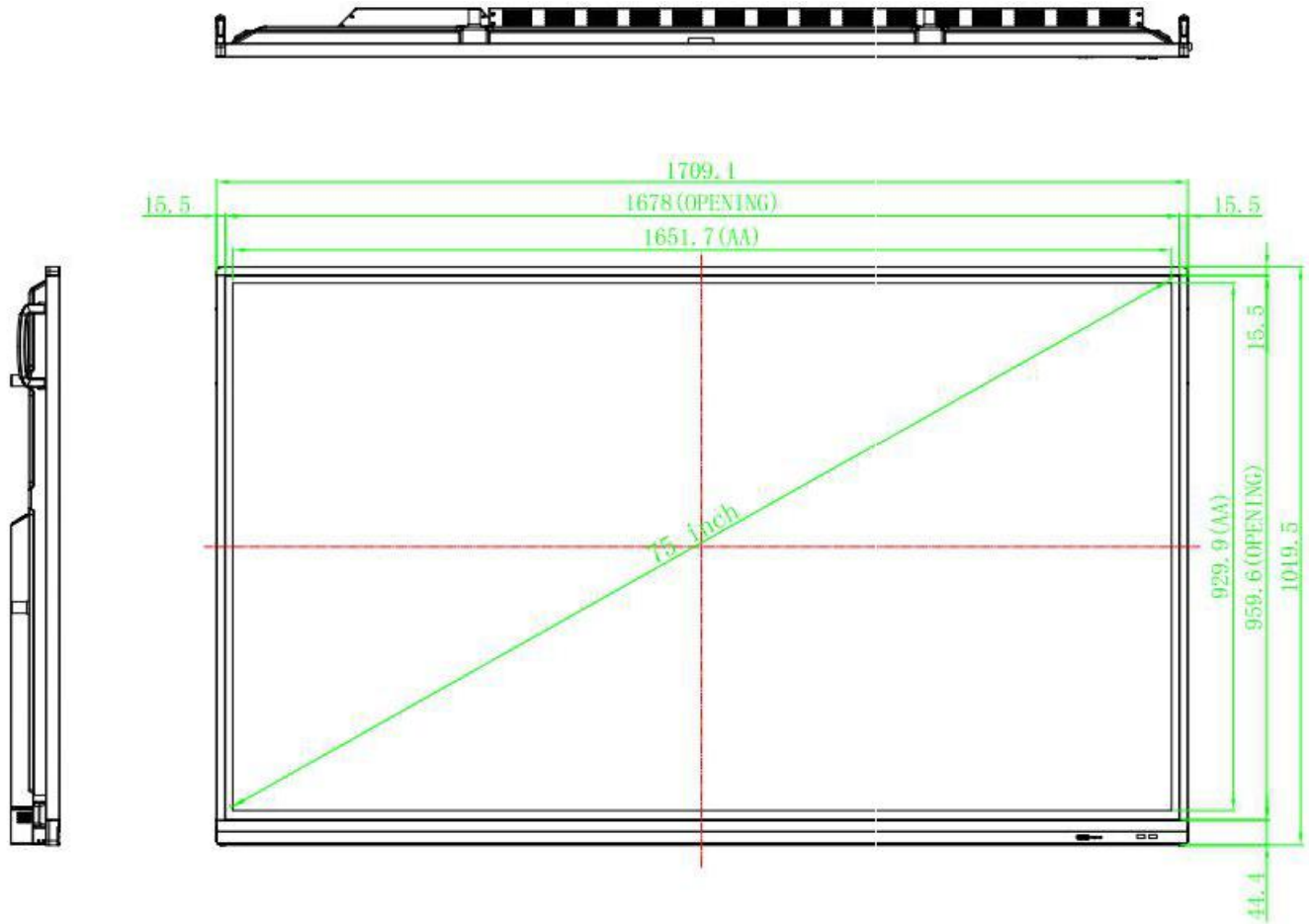
Specifications
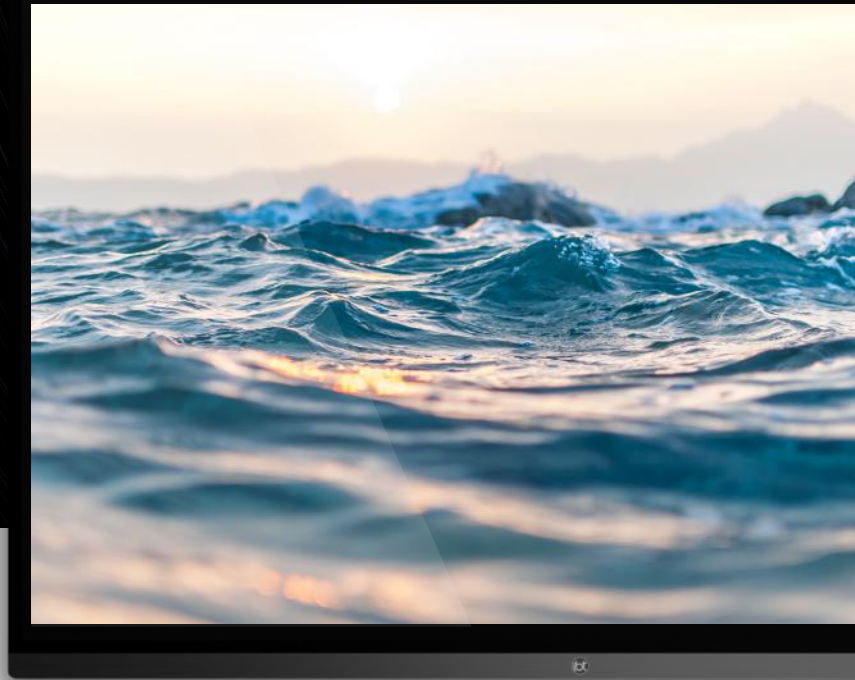
DISPLAY

Size (Inches)	86
Aspect Ratio	16:9
Resolution	3840(H) x 2160(V)
Backlight type	DLED
Panel Type	IPS
Refreshing Frequency	60Hz
Display Colour	1.07B (10bit)
NTSC	68%
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, Active / Passive Infrared Pen
Minimum Object Size	3mm
Response Time	≤10ms
Accuracy	±1mm
Writing Height	<2mm
Writing Double Colours With Double Pens Simultaneously	Supported
Touch Drive	Free Drive
Interpolation Resolution	32768(W) x 32768(D)

POWER

Power Requirements	100-240V~ 50/60Hz 6.5A
Overall Power	650W
Standby Power	≤0.5W

AUDIO

Sound Channel	2.0
Output Power	2 x 16W

ANDROID SYSTEM

System Version	Android 9.0
CPU	A73x4
GPU	G52MC2
RAM	4GB
ROM	32GB

Optional PC Module Available
Models: MT43A / MT43V

I/O PORT

HDMI IN	3	HDMI OUT	1	TOUCH 3.0	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

Wireless Module: SI07

PHYSICAL SPECIFICATIONS

Dimensions LxHxD	1957×1159×86mm
Dimensions (Package) LxHxD	2146×280×1308mm
Thickness of Machine & Wall Mount	116mm (WIB9060G)
Wall-Hanging Screw Spec	M8×25mm
VESA	800 x 600mm
Net Weight	64.60KG
Gross Weight	82.85KG

1957±2mm
1926±1.5mm (OPENING)
1895±1.5mm (AA)

1159±2mm
1099±1.5mm (OPENING)
1066±1.5mm (AA)

86" INCH

86mm
54mm

578mm
800mm

289mm

600mm

271mm

4-M8×25

47mm
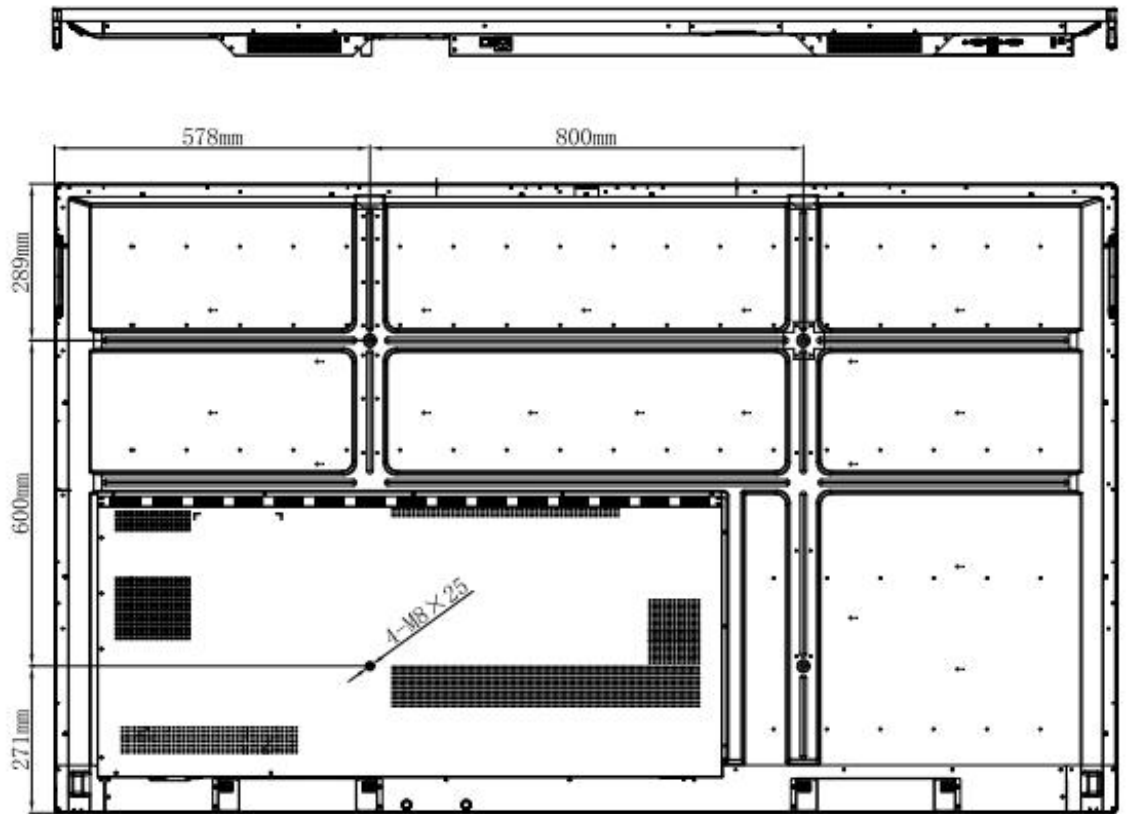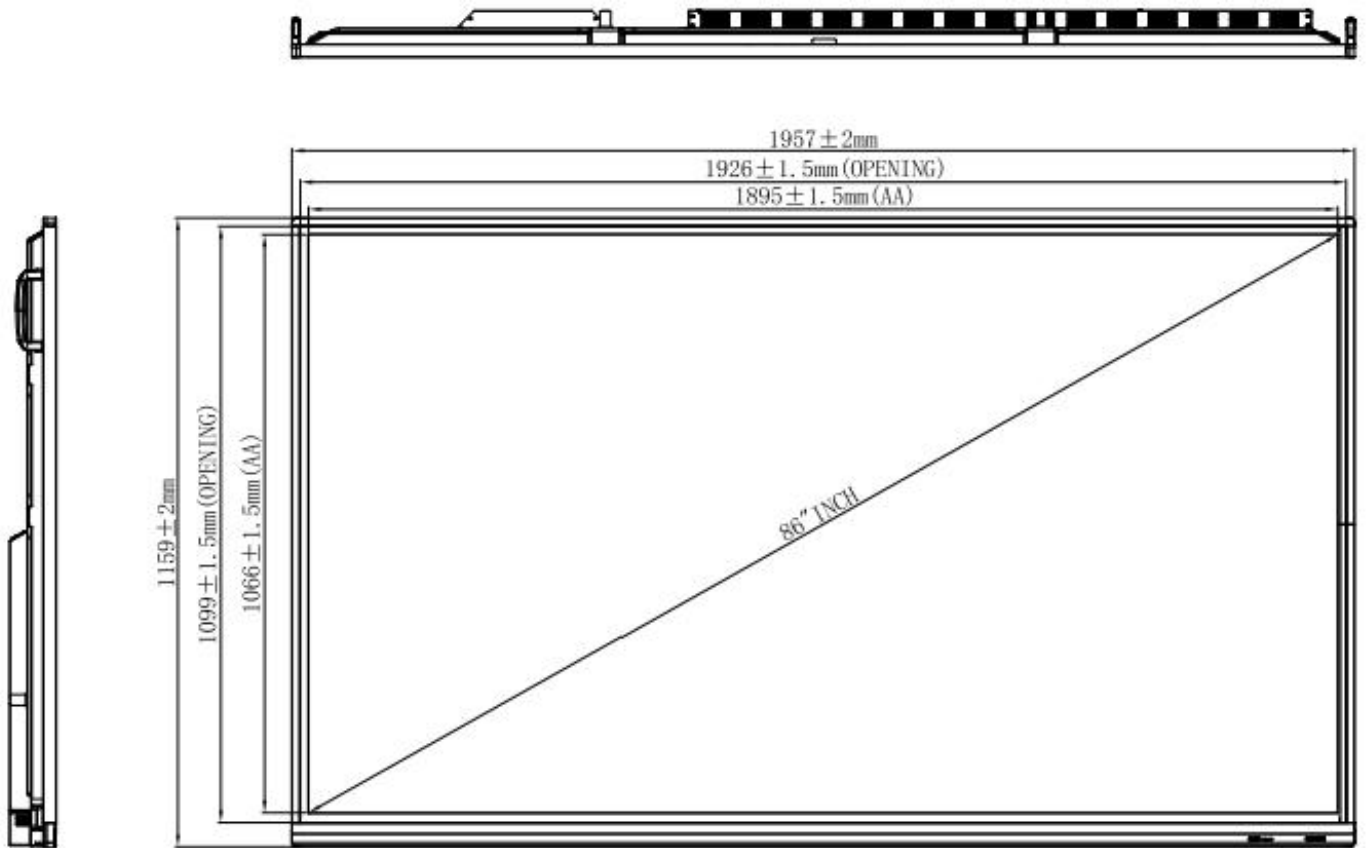
OPTIONAL EXTRA | PC MODULE

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	i7 Model
Intel® i5	Intel® i7 6500U 2.5Ghz (Up to 3.1Ghz)
4GB RAM	128GB SSD	8GB RAM	256GB SSD
Intel® Graphics Card	Intel® HD 520
802.11 b/g/n	802.11 b/g/n
10/100/1000Mbps Wired Network	10/100/1000Mbps Wired Network
1x HDMI	1x USB 2.0	3x USB 3.0	1x HDMI	1x USB 2.0	3x USB 3.0
1x Audio/Mic	1x RJ45	1x RS232	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

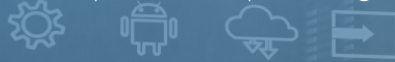|	Xi Edge+ 65	Xi Edge+ 75	Xi Edge+ 86
Display			
Size (Inches)	65	75	86
Aspect Ratio	16:9	16:9	16:9
Display Area	1428.48 (H)×803.52(V)mm	1649.664(H)×927.936(V)mm	1895.04(H)×1065.96(V)mm
Panel Type	ADS	ADS	IPS
Resolution	3840(H)×2160(V)	3840(H)×2160(V)	3840(H)×2160(V)
Pixel Pitch	0.372×0.372mm	0.4296×0.4296mm	0.4935×0.4935mm
Response Time	8ms	8ms	8ms
Refreshing Frequency	60Hz	60Hz	60Hz
Display Colour	1.07B(10bit)	1.07B(10bit)	1.07B(10bit)
NTSC	72%	72%	68%
Back Light Type	DLED	DLED	DLED
Brightness with glass (typ)	350cd/m2	350cd/m2	350cd/m2
Brightness with glass (min)	300cd/m2	300cd/m2	300cd/m2
Contrast Ratio	1200:1	1200:1	1200:1
Viewing Angle	178°(H/V)	178°(H/V)	178°(H/V)
Life Time	≥30000 Hours	≥30000 Hours	≥30000 Hours
Audio			
Sound Channel	2.0	2.0	2.0
Output Power	2x 16W	2x 16W	2x 16W
I/O Port			
HDMI IN	3	3	3
HDMI OUT (Optional)	1	1	1
USB 2.0	1	1	1
USB 3.0	4	4	4
USB TYPE-C	1	1	1
TOUCH 3.0	2	2	2
VGA IN	1	1	1
AUDIO IN	1	1	1
AUDIO OUT	1	1	1
SPDIF	1	1	1
LAN(RJ45) IN	1	1	1
LAN(RJ45) OUT	1	1	1
RS232	1	1	1
Touch System			
Sensing Type	Infrared recognition	Infrared recognition	Infrared recognition
Touch Tool	Finger,Passive infrared pen, Active infrared pen	Finger,Passive infrared pen	Finger,Passive infrared pen, Active infrared pen
Accuracy	±1mm	±1mm(90% area)	±1mm
Touch Point	20 points touch	20 points touch	20 points touch
Minimum Object Size	3mm	3mm	3mm
Writing Height	≤2mm	≤2mm	≤2mm
Writing double colors with double pens simultaneously	Supported	Supported	Supported
Interpolation Resolution	32768(W)×32768(D)	32768(W)×32768(D)	32768(W)×32768(D)
Response Time	≤10ms	≤10ms	≤10ms
System	Windows10/Windows8/Windows7/Linux/Mac/Android/Chrome	Windows10/Windows8/Windows7/Linux/Mac/Android/Chrome	Windows10/Windows8/Windows7/Linux/Mac/Android/Chrome

DIRECT COMPARISON

Spec	Model A	Model B	Model C
Android System			
System Version	Android 9.0	Android 9.0	Android 9.0
CPU	A73×4	A73×4	A73×4
GPU	G52MC2	G52MC2	G52MC2
RAM	4GB	4GB	4GB
ROM	32GB	32GB	32GB
Power			
Power Requirements	100-240V~ 50/60Hz 6.5A	100-240V~ 50/60Hz 5.5A	100-240V~ 50/60Hz 4.5A
Overall Power	650W	550W	450W
Standby Power	≤0.5W	≤0.5W	≤0.5W
Physical Specifications			
Dimensions LxHxD	1957×1159×86mm	1709.1×1019.5×85.7mm	1488.4×896.6×86.4mm
Dimension (Package) LxWxH	2146×280×1308mm	1860×280×1140mm	1628×208×1005mm
Thickness of machine and wall mount	116mm (WIB9060G)	115.7mm (WIB9060G)	116.4mm (WIB9060G)
Wall-hanging Screw Spec	M8×25mm	M8×25mm	M8×25mm
VESA	800×600mm	800×400mm	600×400mm
Net Weight	64.60Kg	49.50kg	38Kg
Gross Weight	82.85kg	63.85kg	48.5Kg
Accessories			
Power Cord	x1	x1	x1
HDMI Cable	x1	x1	x1
USB Touch Cable (Type A-B)	x1	x1	x1
Writing Pen	x2	x2	x2
Remote Control	x1	x1	x1
Battery	x2 (AAA)	x2 (AAA)	x2 (AAA)
Environmental Conditions			
Operation Temperature	0℃ - 40℃	0℃ - 40℃	0℃ - 40℃
Operation Humidity	10% - 90%RH	10% - 90%RH	10% - 90%RH
Storage Temperature	-20℃ -60℃	-20℃ -60℃	-20℃ -60℃
Storage Humidity	10% - 90%RH	10% - 90%RH	10% - 90%RH
Altitude	Below 5000 meters	Below 5000 meters	Below 5000 meters
Compatible with PC Module (Optional)			
Model	MT43A/MT43V / WM SI07	MT43A/MT43V / WM SI07/SI02	MT43A/MT43V / WM SI07

At DiscoverIBT we are commited to bringing our customers
the very best in interactive display technology.
If you have any questions about any
of our products, please get in touch.

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