



# [promultis]

## lightning II touchscreen



USB slot for Webcam



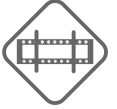
Integrated Android  
Use without a connected PC



3 Year Swap  
Out Warranty



Tough Anti Scratch /  
Anti Glare Surface



Wall Bracket  
Included



32 Touch Points



Built in WiFi



Optional  
OPS PC



Side Mounted  
Controls



HDMI, VGA,  
RS232 and USB  
Connectivity



Interactive UBoardMate  
Whiteboard Software

Available Screen Sizes



65"-75"-84"  
Elite Screens



43"-55"-65"  
Pro Screens

- Narrow bezel and modern design
- Integrated Android Operating System
- Optional USFF PC integration in rear
- 65", 75" & 84" screens 4K Ultra-HD Resolution
- 43", 55" & 75" screens 1080 HD Resolution
- Side mounted USB ports for Android and PC
- HDMI, RS232, USB and VGA connectivity

***Multi touch, interactive,  
large format display with  
HD & 4K UHD resolution  
for the finest colour, clarity  
and image detail plus  
integrated Android OS***

Includes  
UBoardMate Whiteboard Software



[promultis] lightning II touchscreen

For more exciting multitouch products visit  
[www.promultis.info](http://www.promultis.info)  
or call +44 (0) 239 251 2794

# Specifications

	43" Lightning II Pro	55" Lightning II Pro	65" Lightning II Pro	65" Lightning II Elite	75" Lightning II Elite	86" Lightning II Elite
<b>Dimensions</b>						
Width	1015 mm	1311 mm	1527 mm	1527 mm	1749 mm	2007 mm
Height	614 mm	783 mm	903 mm	903 mm	1029 mm	1179 mm
Depth	112.2 mm	113 mm	114 mm	114 mm	105 mm	124.7 mm
Weight	26 kg	40 kg	58 kg	58 kg	82 kg	110 kg
Visible screen	941mm x 529mm	1209.6 mm x 680.4 mm	1428.4 mm x 803.5 mm	1428.4 mm x 803.5 mm	1675.8 mm x 928.2 mm	1929.2 mm x 1078.6 mm
<b>Display</b>						
Touch points	32	32	32	32	32	32
Screen Type	LED Backlit	LED Backlit	LED Backlit	LED Backlit	LED Backlit	LED Backlit
Aspect ratio	16:9	16:9	16:9	16:9	16:9	16:9
Resolution	Full HD	Full HD	Full HD	UHD 4K	UHD 4K	UHD 4K
Pixels	1920 x 1080	1920 x 1080	1920 x 1080	3,840 x 2,160	3,840 x 2,160	3,840 x 2,160
Android OS	✓	✓	✓	✓	✓	✓
Brightness	300 cd/m <sup>2</sup>	350 cd/m <sup>2</sup>	350 cd/m <sup>2</sup>	350 cd/m <sup>2</sup>	450 cd/m <sup>2</sup>	350 cd/m <sup>2</sup>
Contrast	1200	1400	4000	4000	4000	1200
Response Time	12ms	8ms	8ms	10ms	8ms	8ms
Number of Colours	16.7M (8-bit)	16.7M (8-bit)	1.07B (10-bit)	16.7B (10-bit)	10-bit (8bit + FRC)	1.06B (10-bit)
Refreshing Frequency	60Hz	60Hz	60Hz	120Hz	120Hz	60Hz
View Angle	178/178	178/178	178/178	176/176	178/178	178/178
Service Life (Minimum)	> 30,000 hrs	> 30,000 hrs	> 30,000 hrs	> 30,000 hrs	> 30,000 hrs	> 30,000 hrs
<b>Touch System</b>						
Sensing Type	Infrared System (32 point operation : 65 FHD modle 10point)					
Response Time	<10ms(typ)					
Response Area	>=Ø3ms					
Reported Touch Resolution	32768x32768 (with driver) : 7680x4320 (without driver)					
Communication Mode	USB					
<b>Supplied Accessories</b>						
AC Power Cable / Operating Instructions / Quick Start Guide / Writing Pen / Remote Control / VGA Cable / USB Cable / HDMI Cable / Guarantee Card						

# Specifications

	43" Pro	55" Pro	65" Pro	65" Elite	75" Elite	86" Elite
<b>Ambient Conditions</b>						
Operation Temperature	0°C-40°C					
Operation Humidity	10% - 90% RH					
Storage Temperature	-20°C-60°C					
Storage Humidity	10% - 90% RH					
<b>Main Board Module</b>						
Main Chipset Manufacture	MSTAR					
<b>Audio</b>						
Max Audio Output (THD=7%)	15Wx2+20Wx1					
<b>Connectivity</b>						
Composite Video Input (Mini Jack)	1					
Composite Audio Input (Mini Jack)	3					
Component Video input(Mini Jack)	0					
Component Audio Input (Mini Jack)	0					
S-video Input	0					
VGA Input:(D-sub)	3					
VGA Output:(D-sub)	1					
VGA Audio Input	3					
VGA Audio Output (Mini Jack)	0					
HDMI Input	2 (Support 4K Input)					
DP Input	1					
A/V Output (Mini Jack)	0					
Earphone Jack	1					
RS-232C(Type)	1					
SPDIF Output(Optical/Coaxial)	1 (Optical)					
USB 2.0	1 (Side) +2 (Front)					
USB 3.0	2					
USB2.0 for camera For Android & Windows	1					

## Android OS

System Version	Android 5.01
CPU	ARM Cortex A53 1.5G
GPU	Mali450x4
RAM	2GB
ROM	16G

## Optional USFF PC integration in rear

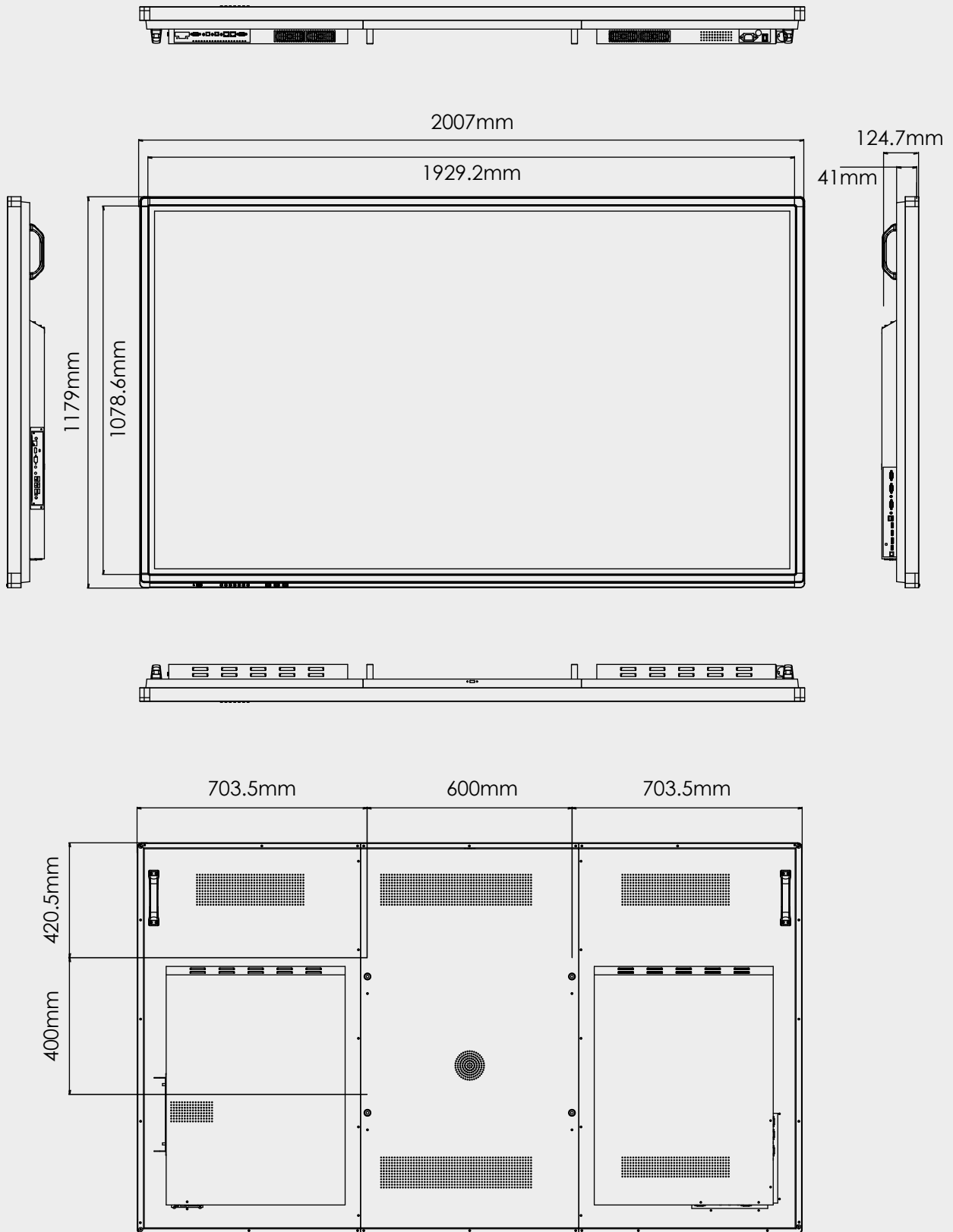
Processor	Intel i5	Intel i7
Graphics	Integrated	2GB Dedicated
Sound Card	Integrated High Definition Audio Stereo	Integrated High Definition Audio Stereo
Networking	Integrated 10/100/1000M Adaption	Integrated 10/100/1000M Adaption
Memory	4G DDR3	8GB DDR3
Hard Drive	500G SATA (SSD option)	M.2 128GB SSD
WIFI	802.11b/g/n /802.11a/b/g/n (optional)	802.11b/g/n /802.11a/b/g/n (optional)
USB(A)	6(4 for USB2.0 2 for USB3.0)	6(4 for USB2.0 2 for USB3.0)
Microphone In	1	1
Earphone Out	1	1
HDMI	1	1
Mini DP	1	1
Lan Port(RJ45)	1	1
VGA Out	1	1

## Supplied Mounting Bracket

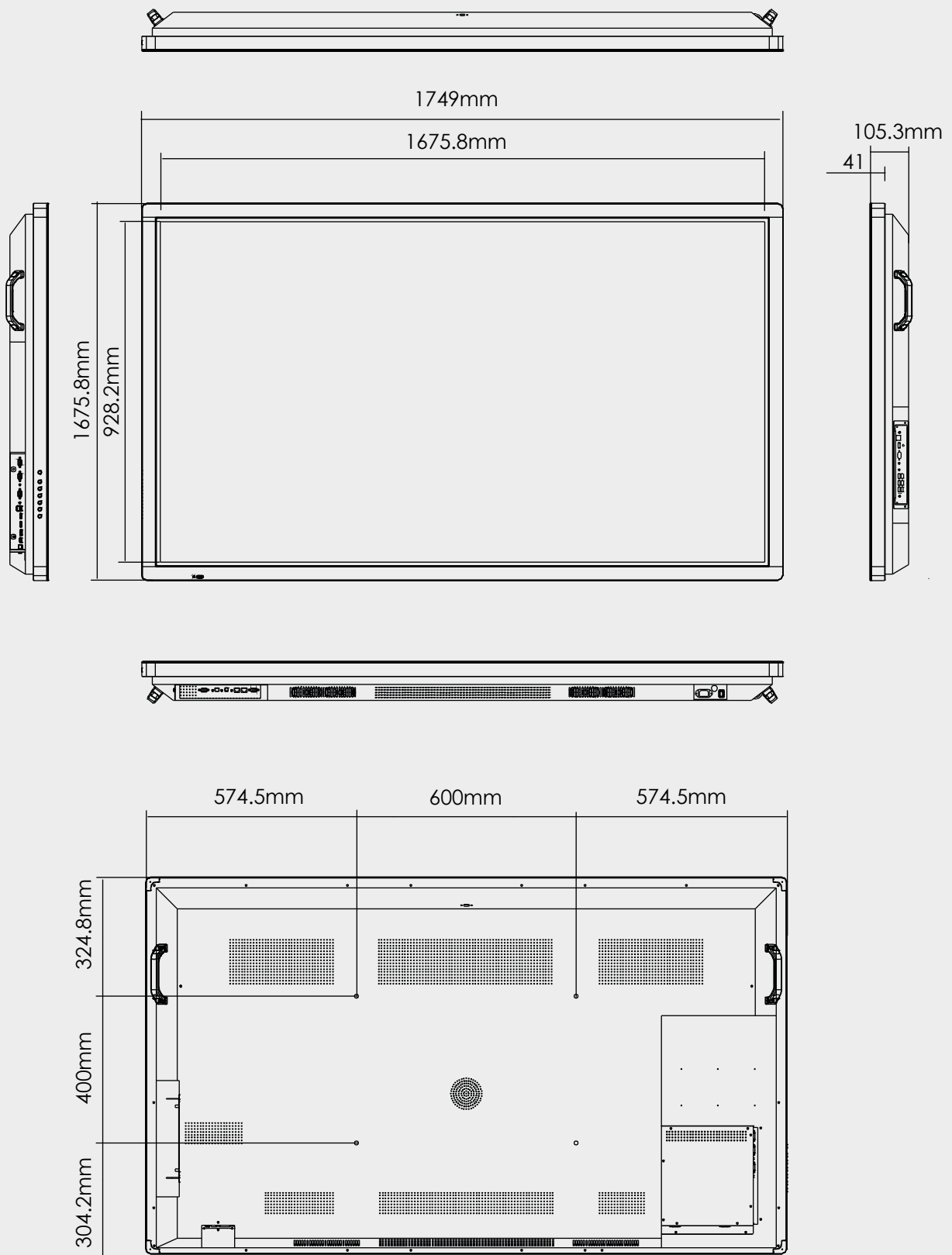
Width	Height	Depth	Weight
960 mm	240 mm	29.4 mm	8kg



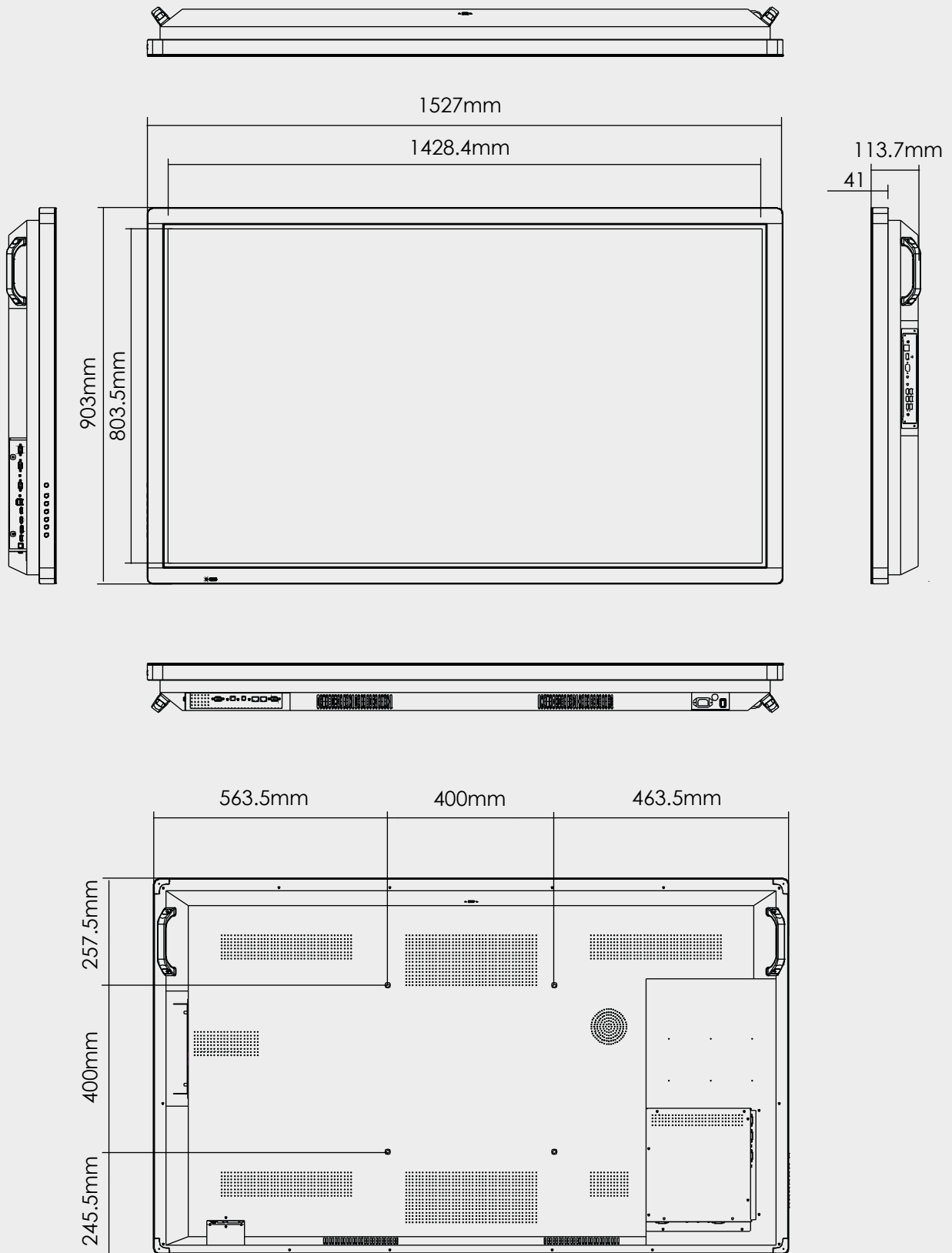
# 86" Specification



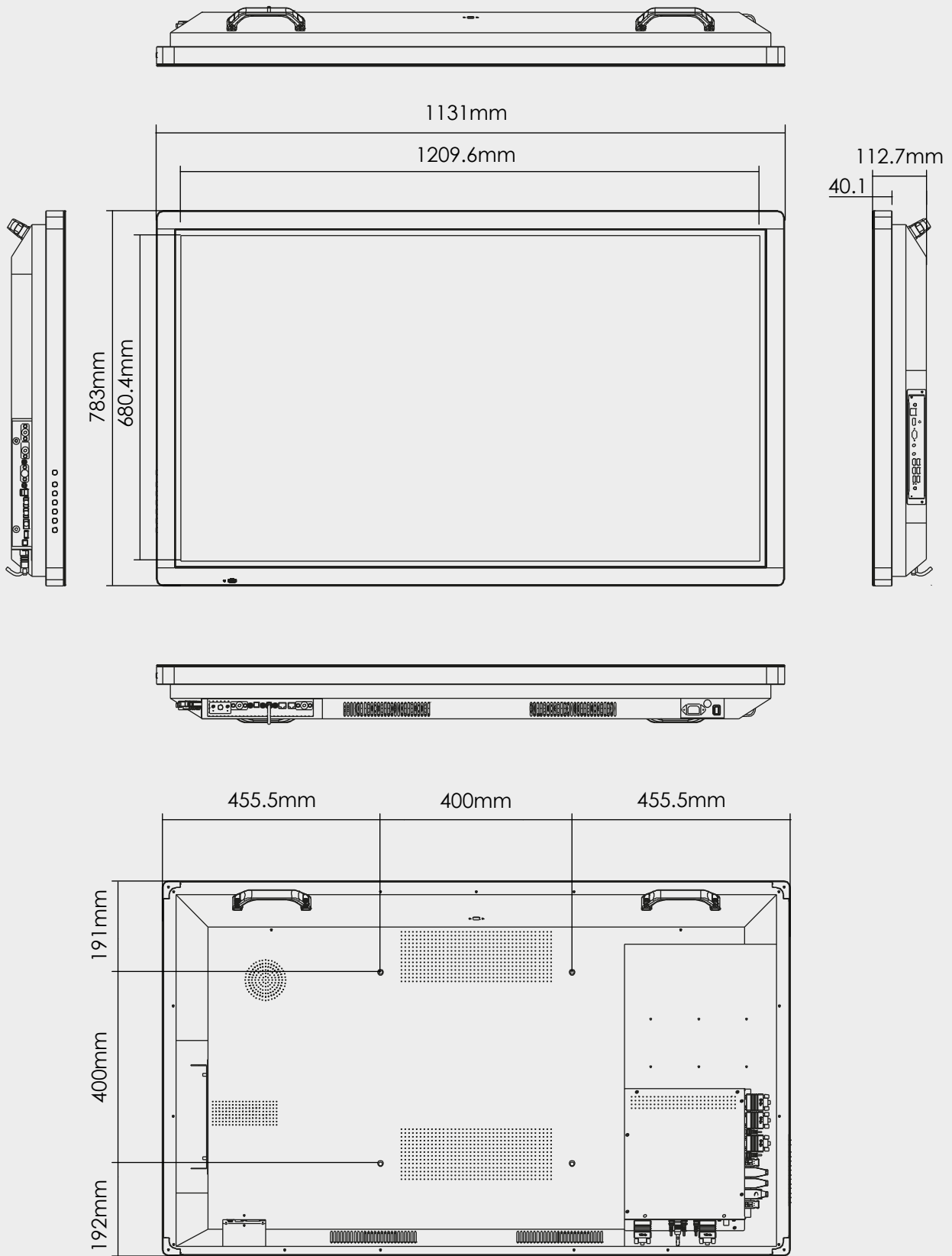
# 75" Lightning Screen



# 65" Lightning Screen

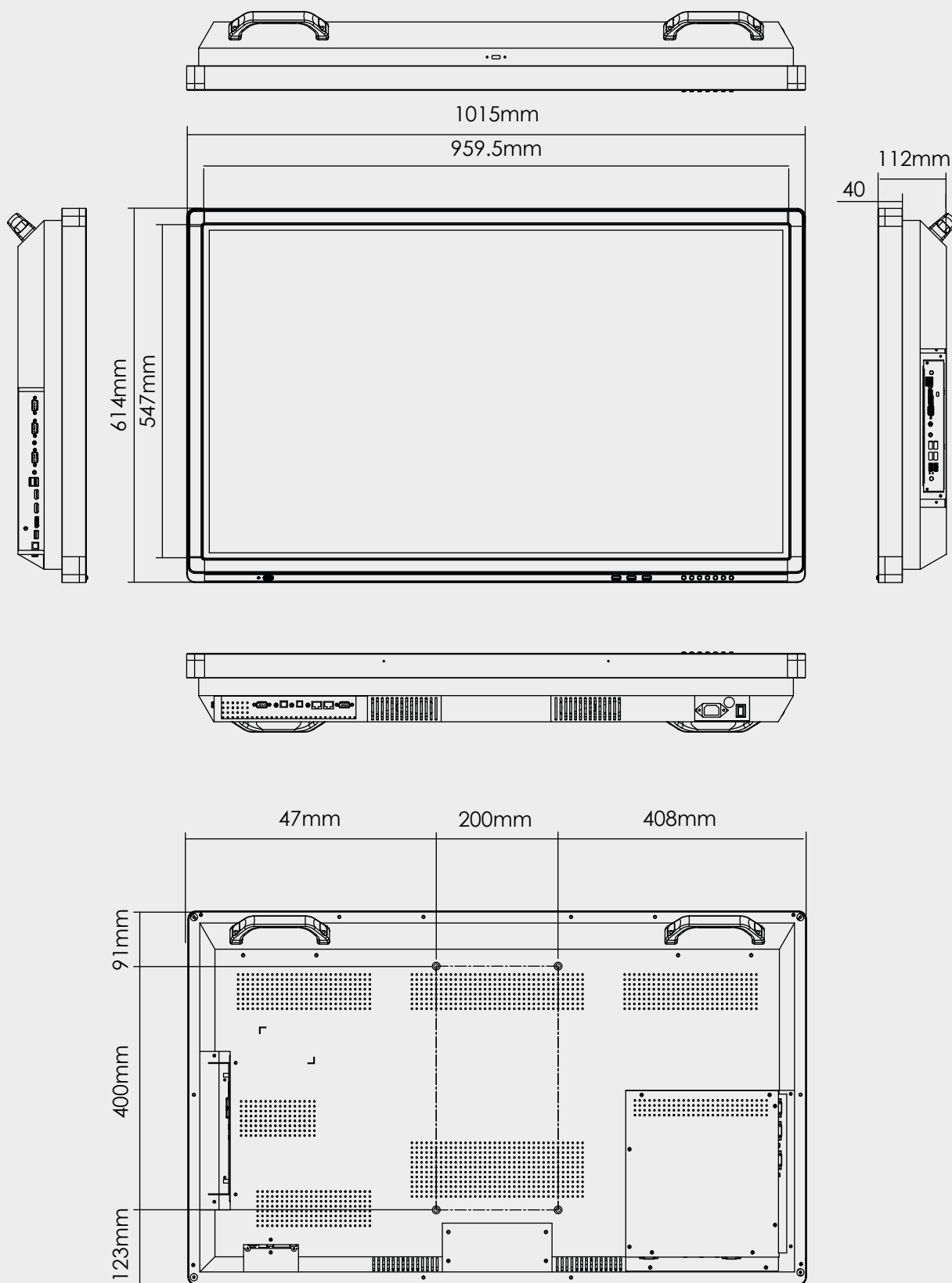


# 55" Lightning Screen





# 43" Lightning Screen



# Wall Bracket

