

PRODUCT PROPERTIES

	65"	75"	86"	98"
Model name	i3TOUCH X2-65	i3TOUCH X2-75	i3TOUCH X2-86	i3TOUCH X2-98
Product series	i3TOUCH X2 Series - Interactive Digital Whiteboard Displays			
Product ID	10010491	10010492	10010493	10010452

DISPLAY SPECIFICATIONS

Display	Liquid Crystal Display (LCD) with Direct-LED backlight			
Panel Type	VA-ADS	VA-ADS	VA	IPS-ADS
Display aspect ratio	16:9			
Display native resolution	3840 x 2160 pixels - 4K Ultra High Definition			
Brightness (typical)	400 cd/m ²	400 cd/m ²	400 cd/m ²	350 cd/m ²
Brightness (maximum)	450 cd/m ²	450 cd/m ²	450 cd/m ²	400 cd/m ²
Contrast ratio (typical)	1200:1			
Dynamic contrast ratio	4000:1	5000:1	4000:1	6000:1
Viewing angle	178° / 178°			
Colour depth	1.07 billion colors (10 bit)			
Response time (typ.)	< 8 ms	< 8 ms	< 8 ms	< 9 ms
Refresh rate	60 Hz (@ UHD)			
Pixel pitch	0.372 x 0.372 mm	0.4296 x 0.4296 mm	0.4935 x 0.4935 mm	0.5622 x 0.5622 mm
Glass thickness	2.7 mm safety glass	2.7 mm safety glass	2.7 mm safety glass	4 mm safety glass
Glass Hardness	MOHS 8			
Glass treatment	Nano-etched for improved anti-glare, anti-reflection, anti-aging and anti-static characteristics			
Glass bonding	Optical bonding			
Panel MTBF	50,000 hours			
Supported orientation	Landscape			

CONNECTIVITY

Digital audio-video input	2x HDMI 2.0, incl CEC, ARC 1x DisplayPort 1.2
Digital audio-video-data input	1x USB 3.0 Type C, incl PowerDelivery 100W and AlternateMode DP 1x USB 3.0 Type C, incl AlternateMode DP
Digital audio-video output	1x HDMI 2.0
Digital audio output	1x S/PDIF Optical
Analog audio output	1x Line Out 3,5 mm audio jack TRS
USB Data ports	2x USB 3.2 Gen 1x1 Type A (switching via touch input) 1x USB 3.2 Gen 1x1 Type A (Android only)
Integrated OPS slot	OPS-PC slot (JAE TX24 connector) UHD
Control input	COM DE-9 (RS-232 standard)
Network connectivity	2x LAN: RJ-45 (1000 Mbit/s) Wi-Fi 6 (802.11ax) Hotspot (2.4 Ghz + 5 Ghz)

OPERATIONAL SPECIFICATIONS

Operating System	Android 13		
Architecture	CPU : ARM A73 (4 cores) + A53 (4 cores)		
	Clock speed : 2.8 GHz		
	Cores : 8		
	GPU : Mali G52		
	RAM : 8 GB DDR4		
	ROM : 64 GB		
Android screen resolution : 3840 x 2160 pixels - 4K Ultra High Definition			
Interactive touch	Infrared Touch Technology : V-SENSE 5.0	V-SENSE 3.0	
	Input Points : 40 simultaneous touch inputs	20 simultaneous touch inputs	
	IR input types : 5 level recognition (black stylus, red stylus, blue stylus, grey marker/finger, palm)	3 level recognition (stylus, stylus/finger, palm)	
	Resolution : 32768 x 32768		
	Accuracy : 1 mm	1.5 mm	
	Response time : < 5 ms	< 10 ms	
	Scan rate : 200 Hz		
	Connection : 3x USB-B 3.0		
Connection protocol : HID (Human Interface Device)			
Sensors	Ambient light sensor		
	Motion sensor : radar technology		
Loudspeakers	2x 20 Watt speakers		
Subwoofer	1x 20 Watt subwoofer		
Maximum Daily Operating Hours	18 hours / day		

PHYSICAL PROPERTIES

Product Dimensions	1518 x 905 x 118 mm	1740 x 1030 x 115 mm	1986 x 1169 x 115 mm	2259 x 1343 x 141 mm
VESA Mounting Pattern	600x400	800x400	800x400	800x600
Net Product Weight	40 kg	51 kg	65 kg	114 kg
Packaging Dimensions	1640 x 185 x 1005 mm	1859 x 205 x 1160 mm	2119 x 227 x 1270 mm	2357 x 350 x 1481 mm
Gross Packaged Weight	51 kg	67 kg	82 kg	120 kg
Magnetic Pen Holders	4 magnetic pen holders in front bezel			2 magnetic pen holders in front bezel
Color	Black bezel, black back cabinet, aluminum chamfer accent (side)			

ELECTRICAL PROPERTIES

Input Power	100 ~ 240 Volt – 50/60 Hz			
Power Consumption (with no connected peripherals)	133 Watt	150 Watt	168 Watt	TBD
Power Rating (Max)	6 Amps	6.7 Amps	7 Amps	7.5 Amps
Energy Saving Features	Automatic brightness adjustment by Ambient Light Sensor			
	Automatic sleep mode by Human Presence Radar Sensor			
	Automatic power-on / power-off task scheduling			

SOFTWARE FEATURES

User Interface	i3STUDIO Suite
Whiteboarding Software	i3WHITEBOARD
Annotation Software	i3WHITEBOARD
Screencasting Software	i3ALLSYNC
Device Management	i3RDM
Conferencing Software	Zoom

ACCESSORIES

Included	User manual	
	USB-C cable (3 meter)	
	Remote control unit	
	HDMI cable (3 meter)	
	USB Touch cable (3 meter)	
	Black stylus + blue stylus + red stylus + grey marker	2x passive stylus
	Wall mount	

ENVIRONMENTAL CONDITIONS

Operating Temperature	0° C to 40° C
Operating Humidity	10% to 90% RH non-condensing
Storage Temperature	-20° C to 40° C
Storage Humidity	10% to 90% RH non-condensing
Operating Maximum Altitude	5,000 meters

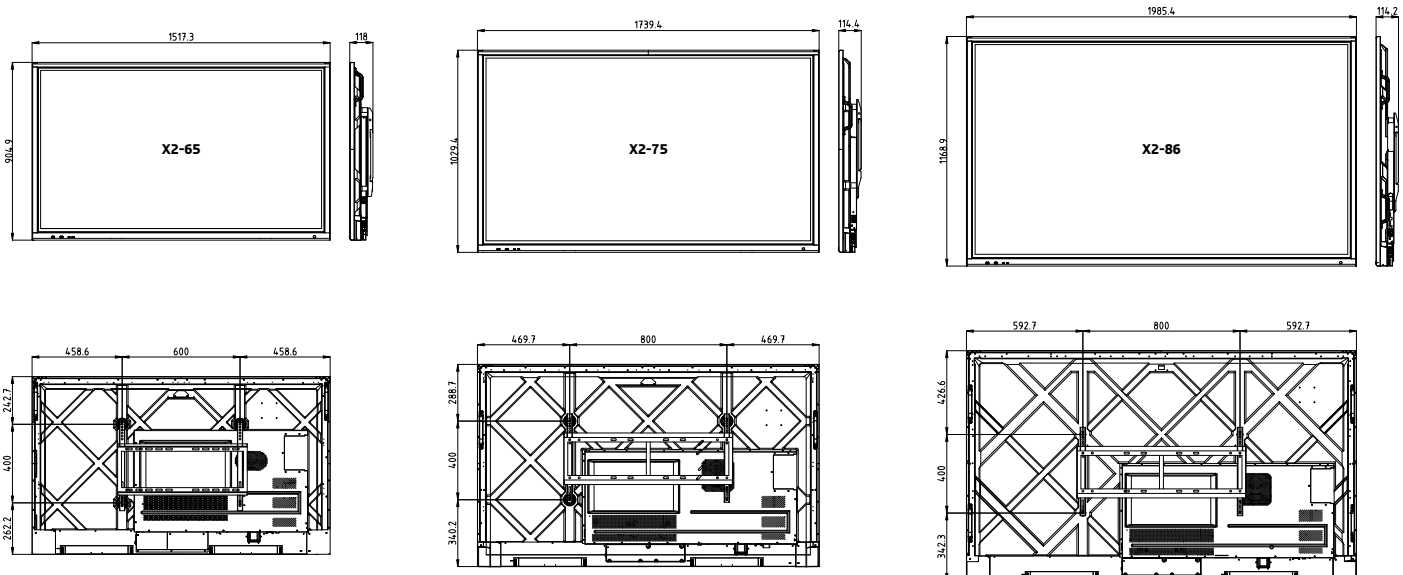
REGULATORY INFORMATION

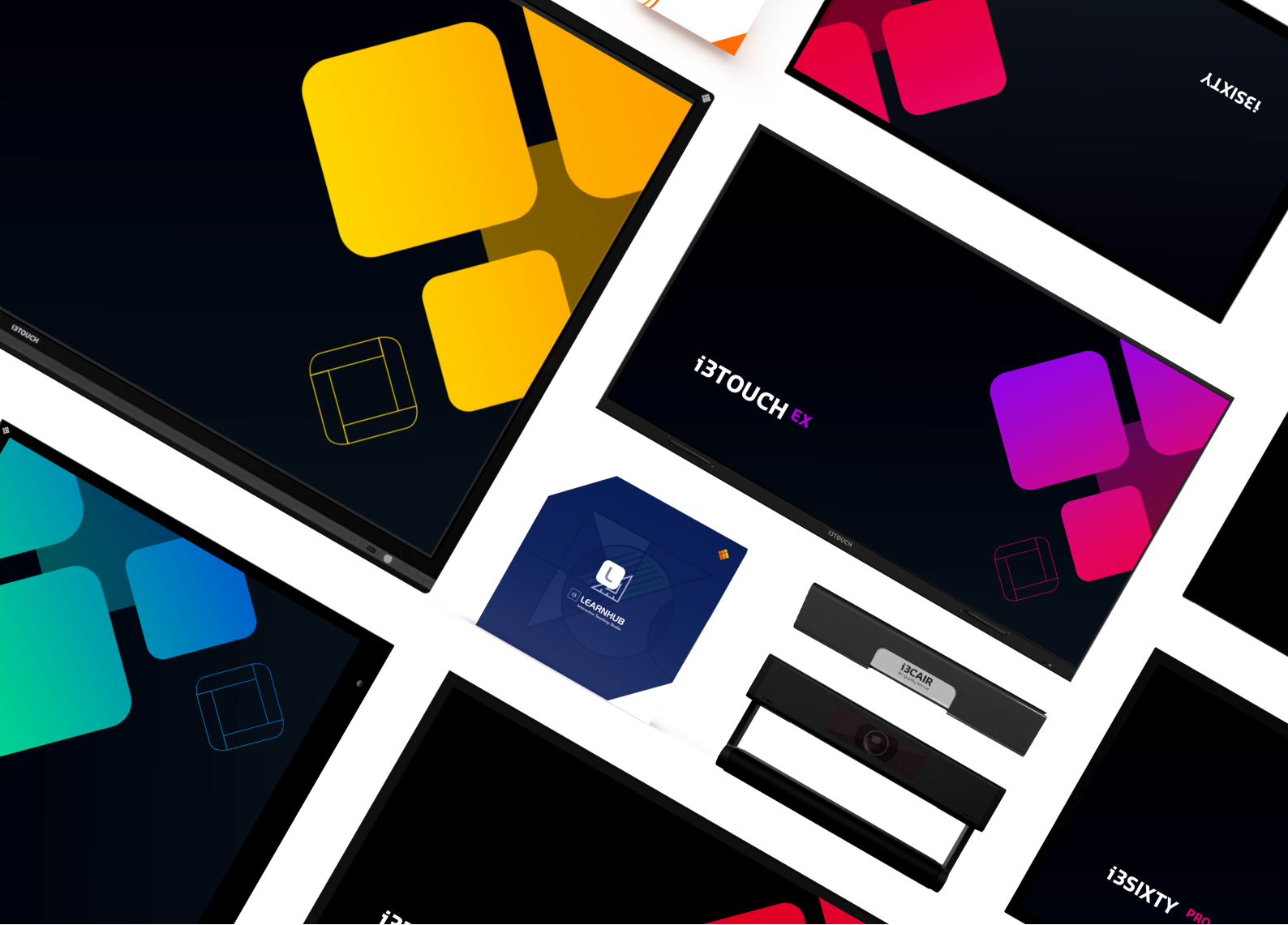
Type Approval	CE, FCC, UKCA
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WARRANTY

Standard Warranty	5 years standard warranty
Extended Warranty (optional)	for education entities: 8 years (via registration) for corporate entities: 8 years (available for purchase)

TECHNICAL DRAWINGS





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 **i3-TECHNOLOGIES**