Take collaboration to new lengths.

i3TOUCH ULTRA

The i3TOUCH ULTRA is an ultra-wide, 21:9 interactive display. Analyze, visualize, and interact with big data and complex topics, and split the screen to work on multiple tasks. Bring everyone together with immersive video conferencing and presenting capabilities.

PRODUCT PROPERTIES

Model name	i3TOUCH ULTRA 105
Product article number	10010482

DISPLAY

Display technology	Liquid Crystal Display (LCD)
Panel type	a-Si TFT
Backlight technology	Direct-LED backlight
Panel size	105"
Display aspect ratio	21:9
Display native resolution	5120 x 2160 pixels (5K UW)
Brightness (typical)	350 cd/m²
Brightness (maximum)	400 cd/m²
Contrast ratio (typical)	1200:1
Contrast ratio (dynamic)	4000:1
Viewing angle	178° (H) - 178° (V)
Color depth	1,07 billion colors (10 bit)
Color gamut	72% NTSC
Response time	6,5 ms
Refresh rate	60 Hz
Panel Bonding	Optical Bonding
Surface	Antiglare, 3.2mm Safety Glass, Hard coating 7H
Supported orientation	Landscape

CONNECTIVITY

Digital audio-video input	1x HDMI 2.0 (up to 5120x2160px - 60Hz)
	1x DisplayPort 1.2 (up to 5120x2160px - 60Hz)
	3x HDMI 2.0 (up to 3840x2160px - 60Hz)
Digital audio-video-data ports	1x USB 3.2 Gen 2x1 Type C, incl PowerDelivery 100W*, Alternate Mode DP, and USB data *(USB PowerDelivery limited to 65W when OPS is powered)
Digital audio-video output	1x HDMI 2.0 (up to 3840x2160px - 60Hz)
Digital audio output	1x S/PDIF Optical Audio
Analog audio input	3,5 mm audio jack TRS
Analog audio output	3,5 mm audio jack TRS
Integrated OPS Slot	OPS-PC slot: (JAE TX24 connector) * Supports 5120x2160px with i3COMPUTER OPS 712UW * Up to 3840x2160px-60Hz with other OPS units
USB Data ports	2x USB 3.0 Type A (switching via touch input)
	1x USB 2.0 Type A (Android only)
Control input	COM DE-9 (RS-232 standard)
Network connectivity	2x LAN: RJ-45 connector (1000 Mbit/sec)
	Wi-Fi 6 (802.11ax)
	BT 5.2

ACCESSORIES

Included Accessories	Quick Start Guide
	IR Remote Control Unit
	2x active pens with charging station attached to display
	Power Cable (EU, US, UK)
	USB-C Cable
	HDMI 2.0 Cable
	USB 2.0 Cable A-B (TOUCH)

ENVIRONMENTAL CONDITIONS

Operating Temperature	0° C to 40° C
Operating Humidity	10% to 90% RH non-condensing
Operating Maximum Altitude	5,000 meters
Storage Temperature	10% to 90% RH non-condensing
Storage Humidity	-20° C to 60° C

OPERATIONAL SPECIFICATIONS

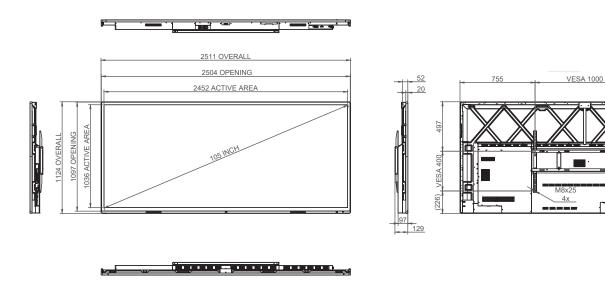|	
Operating System	Android 13
Architecture	CPU : ARM A76 (4 cores) + A55 (4 cores)
	Clock speed : 2.8 GHz
	Cores : 8
	GPU : Mali G610 MP4
	RAM : 8 GB DDR4
	Storage : 64 GB
Interactive Touch	Technology : projected capacitive touch technology
	Resolution : 32768 x 32768
	Accuracy : 1 mm (active pen); 2 mm (passive touch)
	Response time : < 8 ms
	Connection : 3x USB Type B 2.0 + 1x USB Type C 3.0
	Connection protocol: HID (Human Interface Device)
	Touch Points: 40 simultaneous multi-touch points
	Levels of detection: 2-levels passive touch (finger+palm) + 2-levels active stylus
Loudspeakers	2x 20 Watt
Subwoofer	1x 15 Watt

REGULATORY INFORMATION

Type approval	CE, FCC, UKCA, Energy Star 8

WARRANTY

Standard Warranty	Standard Warranty 3 years (Can be extended to 5 years)

TECHNICAL DRAWINGS

NOTICE

The product pictures of this specification are only indicative, actual product may have slight difference in product effects (included but not limited to appearance, color and size). Due to the influence of product configuration and manufacturing process, the actual size/weight of the product may differ. Efforts have been made to check that information provided here to be correct and complete at the time of publication. Subject to change without prior notice.