

Display

Diagonal Size	65" 4K, 75" 4K, 86" 4K
Screen Type	TFT LCD - Direct LED Backlight
Aspect Ratio	16:9
Display Colours	1.07 Billion (10 bit)
Resolution	4K UHD (3840x2160 @60Hz)
Response Time	8ms
Refresh Rate	60Hz
LCD Viewing Angle	178°
Brightness	400 cd/m ²
Contrast Ratio	65" 1200:1
	75" 1200:1
	86" 1200:1
Dynamic Contrast Ratio	65" 5000:1
	75" 5000:1
	86" 5000:1
Glass Hardness	Tempered Glass - Mohs Level 7
Glass Type	Heat tempered - Anti Glare - Super Glide Surface
Main Board	MS848

Interactivity

Writing Technology	High Precision Technology
Continuous Touch Points	20
Touch Resolution	32768x32768px
Response Time	< 10ms
Touch Accuracy	1.5mm
Minimum Object Size	3mm
Touch Tool	Finger, Gesture & Pen
Simultaneous Writing	Yes
Ink In Tools	Yes - LYNX
Pens Included	2 with different colour assignment to each end
Pen Type	Dual Recognition Stylus
Pen Holder	NFC Pen Tray (optional extra)
Pen Tip Diameter	3mm/7mm
Pen & Touch Differentiation	Yes
Pen Identities	2
Palm Rejection	Yes
Annotation Over Any Source	Yes
Classroom Essential Apps	Includes Whiteboard, Annotate, Timer, Media Players, Browser, PDF Reader, Screen Record, Spinner, Voting, Maths Tools
Compatibility	Windows 7 to 10, Windows XP, Linux, Mac, Android, Chrome
Tracking Rate	6m/s
Scan Rate	200Hz
Gestures & Edge Swipes	Windows Supported

Connectivity

OPS Slot	1 - Intel® spec
HDMI in	3
HDMI Out	1
USB-A 2.0	6 (1 for system upgrade)
USB Touch (type B)	3
USB A 3.0 (faster data transfer)	3
USB C	1 (non charging)
LAN In (RJ45)	1 GB
RS-232	Yes
Wake-on-Lan	Yes
Clevertouch WiFi Module	Yes
Bluetooth	Yes
VGA In	1
VGA Audio In	1
Optical Out	1
Headphone	1
Touch Out	2
NFC Reader / Writer	Optional extra
Camera	Optional extra

Computing

Operating System	Android Oreo 8
System Version	LUX 8
RAM	2GB
Internal Storage	16GB
CPU	Dual Core A73+Dual Core A53
GPU	Dual Core Mali G51
Android Resolution	1080p
Integrated LUX UI	Yes

Audio

Dual Front Facing, Bass Enhanced Speakers	2 x 15 Watt Speakers
Optical Audio Out	Yes
Audio Out	Yes
SPDIF / Fibre	Yes
Sound Channel	2.0

Power

Power Requirements	100 – 240V ~ 50/60Hz
Power Consumption (Normal)	65" 104W
	75" 170W
	86" 155W
Power Consumption (Standby)	< 0.5 Watts
Ultra Quiet Fanless Design	Yes

Operating & Storage Environment

Operating Temperature	0° to 40°
Storage Temperature	-20° to 60°
Operating Humidity	10% to 90% RH
Storage Humidity	10% to 90% RH
Altitude	Below 5000 metres

Physical Specifications

Panel Dimensions	65" 1489x919x91mm
	75" 1710x1004x88mm
	86" 1957x1143x87mm
Packed Dimensions	65" 1669x223x1015mm
	75" 1930x280x1140mm
	86" 2123x280x1310mm
Net Weight	65" 39.90Kg
	75" 51.95Kg
	86" 66.45Kg
Packed Weight	65" 49.25Kg
	75" 68.30Kg
	86" 90.05Kg
VESA Mount Point	65" 600x400mm
	75" 800x400mm
	86" 800x600mm

Warranty

Warranty term and upgrade options vary by region. Contact your local reseller or distributor for information and visit www.clevertouch.com/about/warranty

Compliance & Certification

Regulatory Certification CE, FCC, UL, Energy Star & EEC



IMPACT™ Built-in Features

NUITEQ™ Snowflake	Yes
LYNX™ App With Online Lesson Planning	Yes
Cleverstore™ App Store For Education	Yes
Embedded Digital Signage	Yes
Clevershare™ Mirroring Any Device To The Board	Free for the life of the screen (touch back)
Integrated Personalised Accounts Profiles	Yes
Cloud Account Access	OneDrive Google Drive Dropbox
Embedded Room Booking	Yes
Whiteboard Annotation	Yes
Email Out Direct From Touchscreen	Yes
Scan QR Code For Saving Work	Yes
CleverMessage™ - Instant Alert Messaging	Yes
Over-the-Air Updates	Yes
Remote Management Of Touchscreens (MDM)	Yes - Five year licence

Packed Contents - Inside your Clevertouch Box

What's In The Box	(1) Clevertouch IMPACT™ (1) 1.5M Length HDMI Cable (1) 5M Length USB cable (A-B) (1) 1.5M USBC Cable (1) 3M Regional Power Cable (1) Remote Control (2) Batteries for Remote Control (2) Dual Recognition Stylus (1) User Guide (1) Quick Install Guide (1) Clevertouch WiFi Module (2) Antenna
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Installation

The installation of this product should be completed by a qualified installer. Use of components not supplied by Clevertouch or not meeting minimum specifications may impact performance, safety and warranty. For more information, visit clevertouch.co.uk

Support

For all Clevertouch products, visit: support.clevertouch.com