IMPACT™ PLUS | Specifications

Display

Diagonal Size	55" 4K, 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/m²
Contrast Ratio	**55"** 1200:1 **65"** 1200:1 **75"** 1200:1 **86"** 1200:1
Dynamic Contrast Ratio	**55"** 5000:1 **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	V811

Interactivity

Writing Technology	High Precision Technology
Continuous Touch Points	20
Touch Resolution	32768x32768px
Response Time	< 8ms
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	Integrated Full-length Pen Tray
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	200Hx
Gestures & Edge Swipes	Windows Supported

Connectivity

OPS Slot	1 - Intel® spec
HDMI In	3
HDMI Out	1
USB-A 2.0	3 (1 for system upgrade)
USB Touch (type B)	3
USB A 3.0 (faster data transfer)	3
USB C	2 (One supports charging any device)
LAN In (RJ45)	1 GB
RS-232	Yes
Wake-on-Lan	Yes
Clevertouch Wireless Adapter 2.0	Yes
Bluetooth	Yes
Displayport In	1
VGA In	1
VGA Audio In	1
Optical Out	1
Headphone	1
Touch Out	3
NFC Reader / Writer	Yes
Camera	Optional extra
Proximity Sensor	Yes

Computing

Operating System	Android Oreo 8
System Version	LUX 8
RAM	4GB
Internal Storage	32GB
CPU	Dual Core A73+Dual Core A53
GPU	Quad Core Mali G51
Android Resolution	4K
Android Module Slot	Yes
Integrated LUX UI	Yes

Audio

Dual Front Facing, Bass Enhanced Speakers	2 x 15 Watt Speakers + 15 Watt Subwoofer
Audio Out	Yes
SPDIF / Fibre	Yes
Sound Channel	2.1
Line Array Microphone	Yes
Super Wide Sound	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	**55"** 1268×792×90mm **65"** 1489×919×91mm **75"** 1709.7×1042.4×94.8mm **86"** 1957.2×1181.9×94.8mm
Packed Dimensions	**55"** 1428x220x878mm **65"** 1697x220x1038mm **75"** 1875x280x1208mm **86"** 2146x280x1326mm
Net Weight	**55"** 31.25Kg **65"** 43.95Kg **75"** 56.73Kg **86"** 73.45Kg
Packed Weight	**55"** 38.55Kg **65"** 53.95Kg **75"** 75.75Kg **86"** 95.30Kg
VESA Mount Point	**55"** 400×200mm **65"** 600×400mm **75"** 800x400mm **86"** 800×600mm

Comprehensive 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™ Plus Built in Features	
Sizes	55" 4K, 65" 4K, 75" 4K, 86" 4K
RAM	4GB RAM
Internal Storage	32GB
4K UHD (3840x2160 @60Hz)	Yes
Tempered Glass - Mohs Level 7	Yes
High Precision Technology	Yes
20 Continuous Touch Points	Yes
Finger, Gesture & Pen	Yes
Simultaneous Writing	Yes
Ink-In Tools Via LYNX	Yes
Dual Recognition Stylus	Yes
Palm Rejection	Yes
Annotate Over Any Source	Yes
Classroom Essential Apps: Includes Whiteboard, Annotate, Timer, Media Players, Browser, Pdf Reader, Screen Record, Spinner, Voting, Maths Tools	Yes
Compatible With Windows 7 To 10, Windows XP, Linux, Mac, Android, Chrome	Yes
LUX 8 Powered By Android Oreo 8	Yes
2 X 15 Watt Speakers	Yes
Ops Intel Pc Slot	Yes
Great Connectivity	Yes
V811 Chipset	Yes
Motion Sensor	Yes
Array Mic	Yes
Usb-C x2 With One Charging Ability	Yes
Integrated NFC	Yes
Clevershare Hardware Integrated	Yes
Super Wide Sound Subwoofer	Yes
True 4K User Interface	Yes
Super Cool Stylus	Yes
Android Module Upgrade Slot	Yes
Display Port x1	Yes