# Clevertouch Edge Specifications

# Display

Diagonal Size	65" 4K, 75" 4K, 86" 4K
Screen Type	LCD - Direct LED Backlight
Aspect Ratio	16:9
Display Colours	1.07 Billion (10 bit)
Resolution	4K UHD (3840x2160 @60Hz)
Response Time	3ms
Refresh Rate	60Hz
LCD Viewing Angle	178°
Brightness	500 cd/m2
Contrast Ratio	4000:1
Dynamic Contrast Ratio	6000:1
Glass Hardness	AG Tempered Glass - Mohs Level 7
Glass Thickness	3mm
Glass Type	Low Parallax 1mm Air Gap - Heat tempered - Anti Glare & Anti Smudge for durability - Super Glide Surface***
Antibacterial Glass	Yes
Antibacterial Power Button	Yes
Main Board	RK3588
Life of Screen	50,000 Hours
NTSC	72%

# Interactivity

Writing Technology	Flat Frog InGlass IR Technology - M5
NEW Continuous Touch Points	40
Touch Resolution	32768x32768px
Response Time	≤5ms
Touch Accuracy	<1mm
Minimum Object Size	2mm
Touch Tool	Finger, passive pen, opaque objects, paint brushes
Simultaneous Writing	Yes
Ink In Tools	Yes - LYNX
Pens Included	2
NEW Pen Type	Dual Recognition Stylus   Infinity Stylus
Pen Holder	Integrated magnetic pen holders
Pen Tip Diameter	2.8mm/6.3mm
Pen & Touch Differentiation	Yes
Pen Identities	2
Palm Rejection	Yes
Annotation Over Any Source	Yes
Compatibility	Windows, Linux, Mac, Android, Chrome
Tracking Rate	≥1m/s
Scan Rate	≥100hz
Gestures & Edge Swipes	Windows Supported, OSX with additional Driver

# Connectivity

OPS Slot	1 - Intel Spec 80Pin
HDMI In	3
HDMI Out	1
USB-A 2.0	3
USB Touch (type B)	3
NEW USB A 3.0 (faster data transfer)	2 x USB Front Type A 3.0 with faster data transfer 2 x USB Side Type A 3.0 with faster data transfer
NEW USB C (Video, Audio & Touch)	1 x USB Side Type C with video, audio, touch & network 1 x USB Front Type C with video, audio, touch, net- work, and 100W charging
NEW USB C Out	1 x USB Type C Out with video, audio, touch and network
LAN In (RJ45)	1
LAN Out (RJ45)	1
RS-232	1
Wake-on-Lan	Yes
Wireless Adapter 2.0 + WAP	Yes
Clevertouch WiFi Module	Yes
Bluetooth	Yes – 5.2
Displayport In	1
VGA In	0
Audio In	1
Optical Out	1
Headphone	1 (3.5mm)
Total touch out ports	3
NFC Reader / Writer	Yes - Integrated
Proximity Sensor	Yes
Array Mic	8 Array Microphone
Sound pickup angle	Yes
Sound pickup distance	8m
Frequency Domain	Yes
NEW WIFI	IEEE 802.11a/b/g/n/ac/ax with 2 × 2 MIMO (hotspot only) (both 2.4 and 5 GHz bands)
WiFi Generation	6E
WiFi Speed	Capable of speeds up to 1Gbps

### Camera

Camera	4K Sony integrated camera
Camera Pixel	48 MP
Camera FOV	90°
Camera Focus Distance	5M
Camera Tracking	Auto tracking via face detection
ePTZ	Yes
Adapts to mainstream cloud meeting apps	Yes
H.264 + H.265	Yes
HD Hardware Encoding and Decoding	Yes
Supports 4k Video	Yes
Voice Tracking	Coming soon

# Computing

NEW Operating System	Android 13
NEW System Version	LUX 13
Access to Google Play Store Apps	Yes (Certified)
Access to Microsoft Apps	Yes (Certified)
Access to Google Cloud Services	Yes (Certified)
Access to Video Conferencing Apps (MS Teams, Google Meet, Zoom etc)	Yes (Certified)
NEW RAM	8GB
NEW Internal Storage	128GB
CPU	Quad Core A76 + Quad Core A55
GPU	Mali G610 MC4
Android Resolution	4K
Integrated LUX UI	Yes
NEW System Architecture	64-bit

#### Audio

NEW Dual Front Facing, Bass Enhanced Speakers	2 x 20W Speaker + 2 x 10W Subwoofer
Audio Out	Yes
SPDIF / Fibre	Yes
Sound Channel	2.2
Line Array Microphone (noise cancelling)	8 Array Microphone
Super Wide Sound	Yes

#### Power

Power Requirements	100-240V ~ 50/60Hz
Power Consumption (Normal)	65" 100W 75" 135W 86" 162W
Power Consumption (Standby)	≤0.5W
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

# Clevertouch Edge Built-In Features

ВУОМ	Yes
Handwriting Recognition	Yes - LYNX Pro
Unlimited Multi-Floating Resizable Windows	Yes
Split Screen Support	Yes
Ecosystem of Extensive Apps with Secure and Fast Download	Yes
OpenSDK Support	Yes
Intelligent O&M	Yes
CleverLive™ Embedded Digital Signage	Yes
Clevershare™ Mirroring Any Device To The Board	Free for the life of the screen (touch back)
Miracast (WiFi Direct)	Yes
AirPlay	Yes
Chromecast	Yes
Integrated Personalised Accounts Profiles	Yes
Cloud Account Access	OneDrive, Google Drive, Dropbox
CleverLive Rooms™ Embedded Room Booking	Yes
Customizable Welcome Page with option to integrate logo, clocks apps and more (CleverLauncher™)	Yes
NEW LynxShare™	Yes
NEW LynxCloud™	Yes
Whiteboard Annotation	Yes
Email Out Direct From Touchscreen	Yes
Scan QR Code For Saving Work	Yes
Alerts and Announcements	Yes
Over-the-Air Updates	Yes
Remote Management Of Touchscreens (MDM)	Yes - One year license
Codec	Yes

### Physical Spec

<b>65</b> " 1510 x 937 x 83mm <b>75</b> " 1731 x 1061 x 85mm <b>86</b> " 1979 x 1202 x 85mm
<b>65</b> ″ 1654 x 208 x 1026mm <b>75</b> ″ 1890 x 225 x 1186mm <b>86″</b> 2138 x 225 x 1328mm
<b>65</b> " 113mm (WIB9060H) <b>75</b> " 115 (WIB9060H) <b>86"</b> 115 (WIB9060H)
<b>65</b> ″ 40.6kg <b>75</b> ″ 54.70kg <b>86</b> ″ 68.85kg
<b>65</b> ″ 49.5kg <b>75</b> ″ 67.00kg <b>86</b> ″ 85.30kg
<b>65</b> ″ 600 x 400mm <b>75</b> ″ 800 x 400mm <b>86″</b> 800 x 600mm

### Clevertouch Edge Specifications

#### Inside your Clevertouch Box

he Box

(1) Clevertouch Edge
(1) 3M HDMI Cable
(1) 3M Length USB cable (A-B)
(1) 1.5M USB C 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
(1) NFC card
(1) CleverCast
(1) Camera Lens Cover

#### Support & Installation

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

#### Warranty

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

#### Compliance & Certification

**Regulatory Certification** 

CE, FCC, UL, Energy Star & EEC



#### Statement

Size and weight vary by configuration and manufacturing process, please refer to the actual product. The product images are for illustrative purposes only and may slightly differ in appearance, colour, size, etc. from the actual product. The description, illustrations, etc. in this document may subject to change in accordance with the latest product specification and performance. Should the above-mentioned change in the document become necessary, the document may be updated without written notice.

© 2024 Clevertouch. All rights reserved. Sahara Presentations Systems PLC. is part of the Boxlight group of companies, and the owner of trademarks in several global jurisdictions including but not limited to Clevertouch, the Clevertouch logo, UX Pro, IMPACT Plus<sup>™</sup>, IMPACT Plus<sup>™</sup>, Impact MAX, CleverLive, LUX, Lynx, CleverMessage, Cleverstore and Clevershare. All third-party trademarks (including logos and icons) referenced by Clevertouch remain the property of their respective owners. Unless specifically identified as such, Clevertouch's use of third-party trademarks does not indicate any relationship, sponsorship, or endorsement between Clevertouch and the owners of these trademarks. Applicable Terms and Conditions for warranty and support available at clevertouch.com/about/warranty. All weights and dimensions are approximate. Product specifications are subject to change without notice. Clevertouch.com.