

# Pro Series 3 Specifications

## Display

<b>Diagonal Size</b>	65" 4K   75" 4K   86" 4K
<b>Screen Type</b>	65": VA - Direct LED Backlight 75": VA - Direct LED Backlight 86": IPS - Direct LED Backlight
<b>Aspect Ratio</b>	16:9
<b>Display Colours</b>	1.07 Billion (10 bit)
<b>Resolution</b>	4K UHD (3840x2160 @60Hz)
<b>Response Time</b>	6.5ms
<b>Refresh Rate</b>	60Hz
<b>LCD Viewing Angle</b>	178°
<b>Brightness</b>	450 cd/m2
<b>Contrast Ratio</b>	65" 5000:1   75" 5500:1   86" 1200:1
<b>Dynamic Contrast Ratio</b>	65" 6000:1   75" 6000:1   86" 6000:1
<b>DC Dimming (for Flicker Free)</b>	Yes
<b>Glass Hardness</b>	Tempered Glass - Mohs Level 7
<b>Glass Thickness</b>	3.2mm
<b>Glass Type</b>	Low Parallax 0mm Air Gap - Heat tempered - Anti Glare & Anti smudge for durability - Super Glide Surface
<b>Main Board</b>	RK3576
<b>Life of Screen</b>	50,000 hours minimum
<b>NTSC</b>	72%
<b>Anti-bacterial Power Button</b>	Yes

## Interactivity

<b>Writing Technology</b>	High Precision IR Technology
<b>Continuous Touch Points</b>	50
<b>Touch Resolution</b>	32768x32768px
<b>Response Time</b>	≤2.5ms
<b>Touch Accuracy</b>	±1mm
<b>Minimum Object Size</b>	2mm
<b>Touch Tool</b>	Finger, passive pen, opaque objects
<b>Simultaneous Writing</b>	Yes
<b>Ink In Tools</b>	Yes - LYNX
<b>Pens Included</b>	2
<b>Pen Type</b>	Dual Recognition Stylus
<b>Pen Holder</b>	Integrated magnetic pen holders
<b>Pen Tip Diameter</b>	3mm/7mm
<b>Pen &amp; Touch Differentiation</b>	Yes
<b>Pen Identities</b>	2
<b>Palm Rejection</b>	Yes
<b>Annotation Over Any Source</b>	Yes
<b>Classroom Essential Apps</b>	Includes Whiteboard, Annotate, Timer, Media Players, Browser, PDF Reader, Screen Record, Spinner, Voting, Maths Tools
<b>Compatibility*</b>	Windows 10, Linux, Mac, Android, Chrome
<b>Tracking Rate</b>	≥1m/s
<b>Scan Rate</b>	400Hz
<b>Gestures &amp; Edge Swipes</b>	Windows Supported, OSX With additional Driver

## Connectivity

<b>OPS Slot</b>	1 - Intel Spec 80Pin
<b>HDMI In</b>	3 (2.1)
<b>HDMI OUT (Clone content from one display to another)</b>	1
<b>USB-A 2.0</b>	1 (1 USB for system upgrade)
<b>USB Touch (type B)</b>	2(3.0)
<b>USB A 3.2 (faster data transfer)</b>	2 x Front USB Type A 3.2 with faster data transfer 2 x Side USB Type A 3.2 with faster data transfer
<b>USB C (Video, Audio &amp; Touch)</b>	1 x Front USB Type C with video, audio, touch, network & 65W charging 1 x Side USB Type C with video, audio, touch & network.
<b>LAN In (RJ45)</b>	1
<b>LAN Out (RJ45)</b>	1
<b>RS-232</b>	1
<b>Wake-on-Lan</b>	Yes
<b>Wireless</b>	Yes
<b>Clevertouch WiFi Module</b>	Yes
<b>Bluetooth</b>	Yes 5.2
<b>DisplayPort</b>	1
<b>VGA In</b>	1
<b>Audio In</b>	1
<b>Optical Out</b>	1
<b>Headphone</b>	1 (3.5mm)
<b>Total touch out ports</b>	2 (3.0)
<b>NFC Reader / Writer</b>	Yes - integrated
<b>Camera</b>	Optional Extra
<b>Proximity Sensor</b>	No
<b>Array Mic</b>	8 Array Microphone
<b>Sound pickup Angle</b>	180°
<b>Sound pickup distance</b>	8m
<b>Frequency Domain</b>	32kHz
<b>WiFi</b>	IEEE 802.11a/b/g/n/ac/ax with 2 x 2 MIMO (hotspot only) (both 2.4 and 5 GHz bands)
<b>WiFi Generation</b>	WiFi 6E
<b>WiFi Speed</b>	Capable of speeds up to 1Gbps

## Audio

<b>Dual Front Facing, Bass Enhanced Speakers</b>	2x 25W speakers + 20W Subwoofer
<b>Audio Out</b>	Yes
<b>SPDIF / Fibre</b>	Yes
<b>Sound Channel</b>	2.1
<b>Line Array Microphone</b>	Yes
<b>Super Wide Sound</b>	Yes

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## Power

<b>Power Requirements</b>	65": 100-240V~50/60Hz 5.0A 75": 100-240V~50/60Hz 5.0A 86": 100-240V~50/60Hz 5.0A
<b>Power Consumption (Normal)</b>	65" : 74.54W 75": 78.58W 86": 92.68W
<b>Power Consumption (Standby)</b>	< 0.5 Watts
<b>Ultra Quiet Fanless Design</b>	Yes

## Computing

<b>Operating System</b>	Android 14
<b>System Version</b>	LUX 14
<b>Google Certification</b>	EDLA Certified (Enterprise Device Licence Agreement)
<b>Access to Google Play Store Apps, Microsoft Apps &amp; Google Cloud Services</b>	Yes (Certified)
<b>Access to Video Conferencing Apps (MS Teams, Google Meet, Zoom etc)</b>	Yes
<b>RAM</b>	16GB
<b>Internal Storage</b>	128GB
<b>Expandable Storage</b>	Yes
<b>Total Storage</b>	640GB (Expandable)
<b>CPU</b>	Quad Core A72 + Quad Core A53
<b>GPU</b>	Mali G52 MC3
<b>Android Resolution</b>	4K
<b>System Architecture</b>	64-bit
<b>Integrated LUX UI</b>	Yes

## Physical Spec

<b>Panel Dimensions</b>	65": 1488×908×86mm 75": 1709.4×1031×85.5mm 86": 1957×1171×97mm
<b>Packed Dimensions</b>	65": 1628×185×1014mm 75": 1863×225×1155mm 86": 2110×225×1304mm
<b>Net Weight</b>	65": 35.05kg 75": 46.75kg 86": 55.00kg
<b>Packed Weight</b>	65": 41.85kg   75": 56.55kg   86": 70.15kg
<b>VESA Mount Point</b>	65": 600x400mm   75": 800x400mm   86": 800x600mm
<b>Screws for VESA</b>	M8 x 25mm

## Operating & Storage Environment

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

## Inside your Clevertouch Box

<b>What's In The Box</b>	(1) Clevertouch Pro Series 3 (65" 4K   75" 4K   86" 4K) (1) 3M Length HDMI Cable (1) 3M 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
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## Software & Features

<b>BYOM</b>	Yes
<b>LYNX™ App With Online Lesson Planning</b>	Yes
<b>Handwriting Recognition</b>	Yes - LYNX Pro
<b>Unlimited Multi-Floating Resizable Windows</b>	Yes
<b>Split Screen Support</b>	Yes
<b>Ecosystem of Extensive Apps with Secure and Fast Download</b>	Yes
<b>OpenSDK Support</b>	Yes
<b>Intelligent O&amp;M</b>	Yes
<b>H.264 + H.265</b>	Yes
<b>HD Hardware Encoding and Decoding</b>	Yes
<b>CleverLive™ Embedded Digital Signage</b>	Yes
<b>Clevershare™ Mirroring Any Device To The Board</b>	Free for the life of the screen (touch back)
<b>Miracast (WiFi Direct)</b>	Yes
<b>AirPlay</b>	Yes
<b>Chromecast</b>	Yes
<b>Integrated Personalised</b>	Yes
<b>Accounts Profiles</b>	
<b>Cloud Account Access</b>	OneDrive, Google Drive, LYNX Cloud
<b>CleverLive Rooms™ Embedded Room Booking</b>	Yes
<b>Customizable Welcome Page with option to integrate logo, clocks apps and more (Clever-Launcher™)</b>	Yes
<b>LynxCloud™</b>	Yes
<b>Whiteboard Annotation</b>	Yes
<b>Scan QR Code For Saving Work</b>	Yes
<b>Alerts and Announcements</b>	Yes
<b>Over-the-Air Updates</b>	Yes
<b>Remote Management Of Touchscreens (MDM)</b>	Yes - One year license

## Compliance & Certification

<b>Regulatory Certification</b>	CE, FCC, UL, Energy Star & EEC
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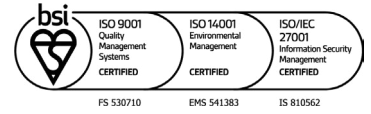
# Pro Series 3 Specifications

## Warranty

Warranty term and upgrade options vary by region. Contact your local reseller or distributor for information and visit [clevertouch.com/about/warranty](http://clevertouch.com/about/warranty)

## Our commitment to the Environment, Quality and Security.

Cyber Essentials and BSI ISO9001, ISO14001, ISO27001 Certifications.



## Statement

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