CLEVERTOUCH®
by Boxlight®

clevertouch.com

Clevertouch X5

Quality you can trust, value you'll love

The X5 redefines entry-level standards, offering powerful performance and essential features at an accessible price. Featuring 1TB of expandable storage for all your space needs, Google EDLA certificate to intergrate your favourite apps, and 40 touch points for multi-user interactive, the X5 delivers an innovative and collaborative experience at an exceptional value.

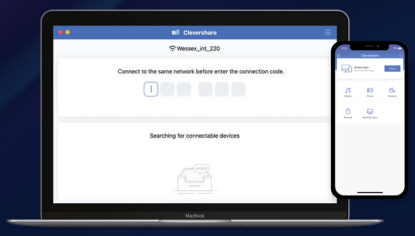
NEW

EDLA Certified
Access the Google Play Store and Google Workplace, along with the full Microsoft 365 suite, directly from the screen. Use apps such as Google Drive, Docs, Sheets, Slides, Teams, Word and PowerPoint.

Available in a range of sizes
65" | 75" | 86"

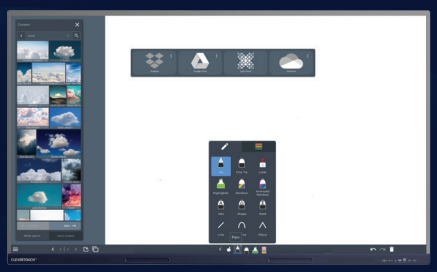
Software included at no extra cost

CLEVER® LIVE CLEVERSHARE® CLEVERMDM®



CLEVERSHARE®

Download the Clevershare App to your Apple or Android device from your App store, and connect instantly using the Clevertouch code on the screen.



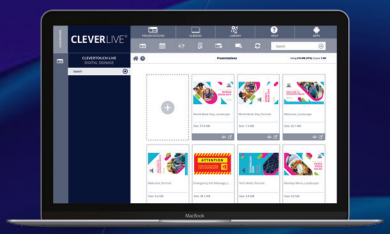
LYNX whiteboard

LYNX Whiteboard is a free-to-use lesson building app, enabling student collaboration. The most dynamic, intuitive user experience of any whiteboard

CLEVERMDM®

MDM stands for Mobile Device Management. We have partnered with leading MDM specialists, Radix Technologies, to consolidate all of your organisation's displays into one management system. Link your entire Clevertouch fleet to your MDM account for control anywhere.

CLEVER® LIVE



CleverLive is a feature rich digital signage platform enabling you to integrate and control communications across all your Clevertouch devices from a single dashboard. Create, manage and broadcast to one or multiple displays, in any number of locations across the globe simultaneously.

Key Features

Our patented Super Glide Touch technology offers the most fluid writing experience

Never run out of space with our infinite whiteboard

Huge connectivity including one of the latest USB-C ports with charging ability

Clevershare screen mirroring allows you to share images, video and audio

Connect your Cloud accounts to work from anywhere

8GB RAM
64GB ROM

X5 is powered by Android 14

Remote management MDM

2 x high powered 20W speakers for crystal clear sound quality

LYNX whiteboard

LYNX Whiteboarding made easy with a huge selection of pen & art tools to use

CYBER ESSENTIALS COMPLIANT

Cyber Essentials compliant

Clevertouch X5 Specifications

Display Panel

Diagonal Size	**65"** 4K | **75"** 4K | **86"** 4K
Screen Type	TFT LCD module with DLED backlight
Aspect Ratio	16:9
Display Colours	1.07 Billion (10 bit)
DC dimming (for Flicker Free)	Yes
Resolution	3840x2160 FHD-4K@60Hz
Landscape / Portrait	Landscape
Response Time	6.5ms
Refresh Rate	60Hz
LCD Viewing Angle	H = 178, V = 178 (Typ.)
Brightness	400 cd
Contrast Ratio	**65"** 3000:1 **75"** 3000:1 **86"** 3000:1
Dynamic Contrast Ratio	**65"** 5000:1 **75"** 5000:1 **86"** 5000:1
Glass Hardness	Tempered Glass - Mohs Level 7
Glass Thickness	3mm
Cover Glass	G1S
Cover Glass - Light Transmission	88%
Operating Hours	7*16h
NTSC	72%
Life of Screen	50,000 Hours
Light Sensor	Yes
Anti-reflection	Yes
Anti-glare	Yes
Blue Light Filter	Yes

Interactivity

Touch Solution	High Precision IR Technology
Continuous Touch Points	40
Touch Resolution	32768x32768px
Touch Accuracy	±1mm for 90% of screen area and ±2mm around 10% of the edges
Minimum Touch Objective	3mm
Writing Height	2mm
Bonding	Zero Bonding
Touch Tool	Finger, passive pen, opaque objects
Simultaneous Writing	Yes
Ink In Tools	Yes - LYNX
Pen Type	Dual Recognition Stylus
Pen Holder	Integrated magnetic pen holders
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 10, Linux, Mac, Android, Chrome
Tracking Rate	≥1m/s
Scan Rate	≥100Hz
Gestures & Edge Swipes	Windows Supported, OSX with additional Driver

Connectivity

OPS Slot	Intel Spec 80Pin
HDMI In	3 x HDMI 2.0, (1 x front, 2 x rear)
HDMI OUT (Clone content from one display to another)	1
USB Touch (type B)	1 x Front USB Type B 2.0 (USB Touch) 2 x Side USB Type B 2.0 (USB Touch)
USB-A 2.0	2 (1 x rear, 1 x android only)
USB-A 3.0	3 x (2 x front + 1 x rear)
1 x USB Side Type C (with video, audio, touch & network)	1 x USB Front Type C with video, audio, touch, network, and 65W charging
Display Port In	1
VGA In	1
LAN In (RJ45)	1 (Speed: 10/100Mbps)
LAN Out (RJ45)	1 (Speed: 10/100Mbps)
RS-232	1
Wake-on-Lan	Yes
Wireless Adapter	Yes
Clevertouch WiFi Module	Yes
Bluetooth	Yes - 5.2
Audio In	1 (3.5mm)
Optical Out	1
Headphone	1 (3.5mm)
SPDIF	1
TF Card Slot	1
NFC Reader / Writer	Optional Extra
Camera	Optional Extra
WiFi	802.11ac, 802.11n, 802.11g, 802.11b, 802.11a, 802.11ax
WiFi Generation	WiFi 6E
WiFi Speed	Capable of speeds up to 1Gbps

Computing

Operating System	Android 14 (EDLA Certified)
System Version	Lux 14
RAM	8GB
Internal Storage	64GB
Total Storage	576GB (Expandable)
Type	eMMC
CPU	ARM Cortex-A73*4
SoC	MT9679
GPU	Mali G52MC1
Android Resolution	4K
Integrated Lux UI	Yes
System Architecture	64-bit
Google Certification	EDLA Certified (Enterprise Device Licence Agreement)
Access to Google Playstore Apps	Yes (certified)
Access to Microsoft Apps	Yes (certified)
Access to Google Cloud Services	Yes (certified)

Clevertouch X5 Specifications

Audio

Speaker Capacity	2x20W
Audio Out	Yes
SPDIF / Fibre	Yes
Sound Channel	2

Power

Power Adapter	100-240VAC +/- 10% Wide Range
Power Requirements	**65"** 100-240V~50/60Hz 4.0A **75"** 100-240V~50/60Hz 4.0A **86"** 100-240V~50/60Hz 4.5A
Power Consumption (Normal)	**65"** 104.88W **75"** 135.34W **86"** 137.68W
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

X5 Built-In Features

BYOM	Yes
LYNX™ App With Online Lesson Planning	Yes
Handwriting Recognition	Yes – Lynx Pro
Ecosystem of Extensive Apps (with Secure and Fast Download)	Yes
Open SDK Support	Yes
Intelligent O&M	Yes
H.264 + H.265	Yes
HD Hardware Encoding and Decoding	Yes
CleverStore App for Education	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
Cloud Account Access	OneDrive, Google Drive, Lynx Cloud
CleverLive™ Rooms Embedded Room Booking	Yes
CleverLauncher™ Customisable Welcome Page (with option to integrate logo, clocks, apps and more)	OneDrive, Google Drive, Lynx Cloud
LynxCloud™	Yes
Whiteboard Annotation	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

Physical Spec

Panel Dimensions	**65"** 1491×898×87mm **75"** 1712×1022×87mm **86"** 1957×1159.9×97.4mm
Packed Dimensions	**65"** 1628×185×1005mm **75"** 1863×225×1148mm **86"** 2110×225×1291mm
Net Weight	**65"** 36.15kg **75"** 49.15kg **86"** 53.55kg
Packed Weight	**65"** 41.70kg **86"** 63.75kg **75"** 56.60kg
VESA Mount Point	**65"** 600 x 400mm **75"** 800 x 400mm **86"** 800 x 600mm
Screws for VESA	M8 x 25mm

Inside your Clevertouch Box

What's In The Box	(1) Clevertouch X5 (1) 3M Length HDMI Cable (1) 5M Length USB cable (A-B) (1) 1.5M USBC Cable (1) 3M Regional Power Cable (2) Batteries for Remote Control (1) Remote Control (2) Dual Recognition Stylus (1) User Guide (1) Quick Install Guide (1) Clevertouch WiFi Module

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.

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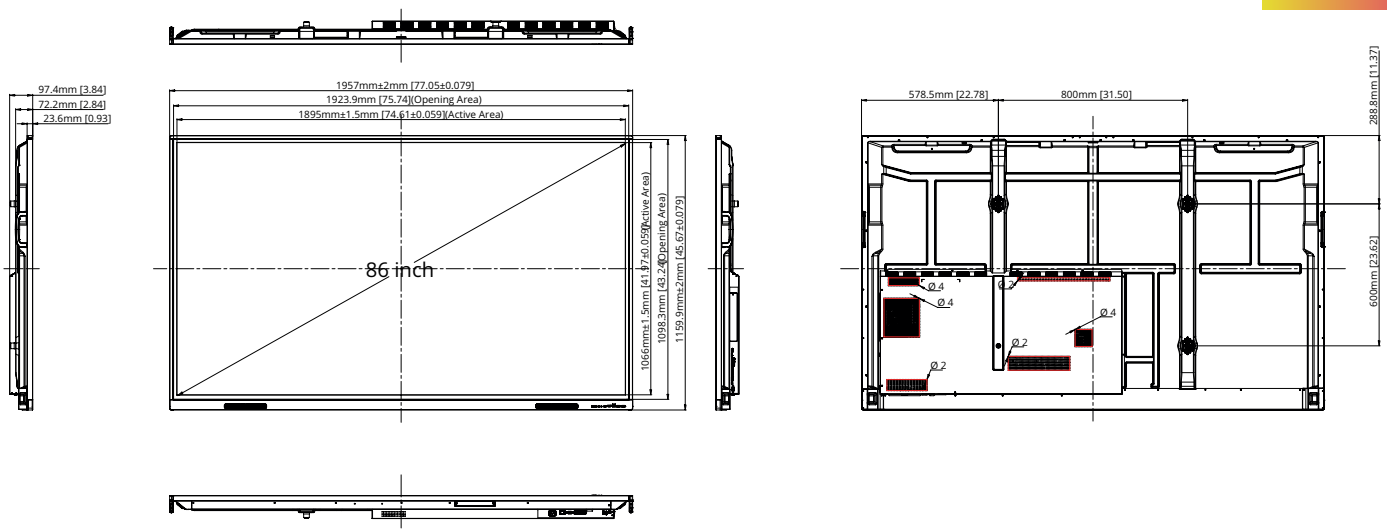
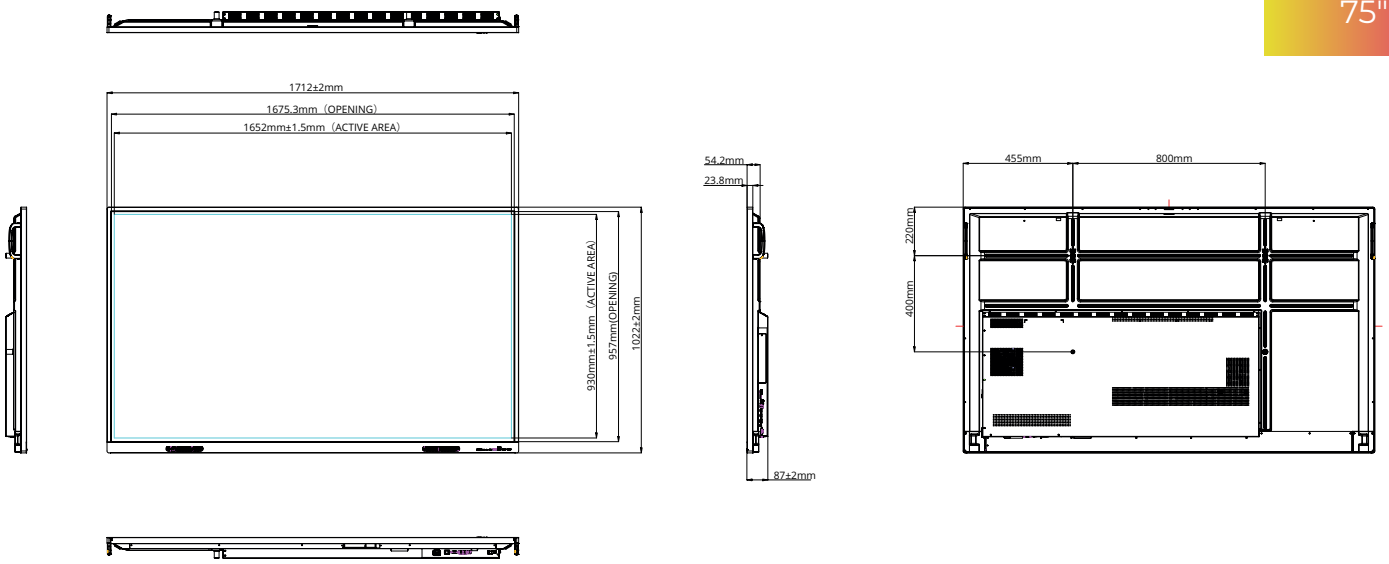
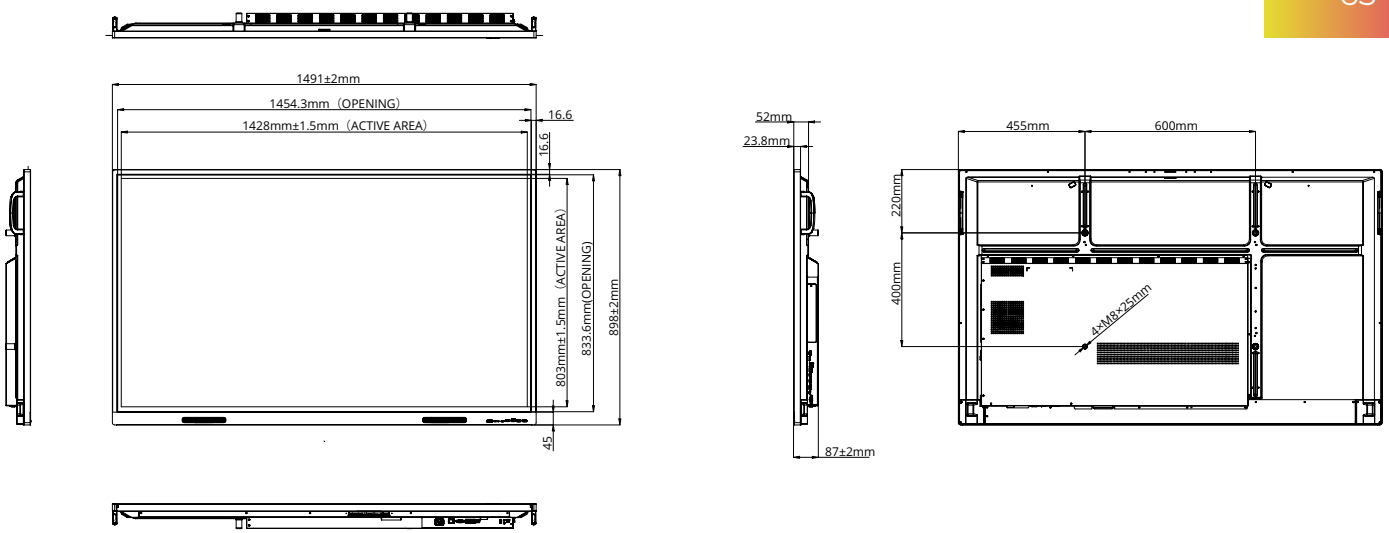
X5 Technical Drawings

86"



75"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