CLEVERTOUCH®
TECHNOLOGIES

clevertouch.com

86"

75"

65"

CLEVERTOUCH

CLEVERTOUCH

CLEVERTOUCH

Whiteboard
Files
Browser
Cleverstore
Active
Lock
Apps
Favourites

14:22
Wednesday, 16/01

Whiteboard
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Connecting people with technology

IMPACT
Gen 2

#clevertouch | info@clevertouch.com

IMPACT Gen 2 Available in a range of sizes

65" | 75" | 86"

Audio

2 x 15W speakers for crystal clear sound quality from anywhere in the room.

Remote Management

View, control, update and troubleshoot remotely. Your IT office can work on your Clevertouch screen without needing to come to the classroom. You'll always have the latest versions of apps and software without needing to install any files when you should be teaching.

Cloud Accounts

Sync with your Cloud accounts so that you can work anywhere at any time.

Google Drive   OneDrive
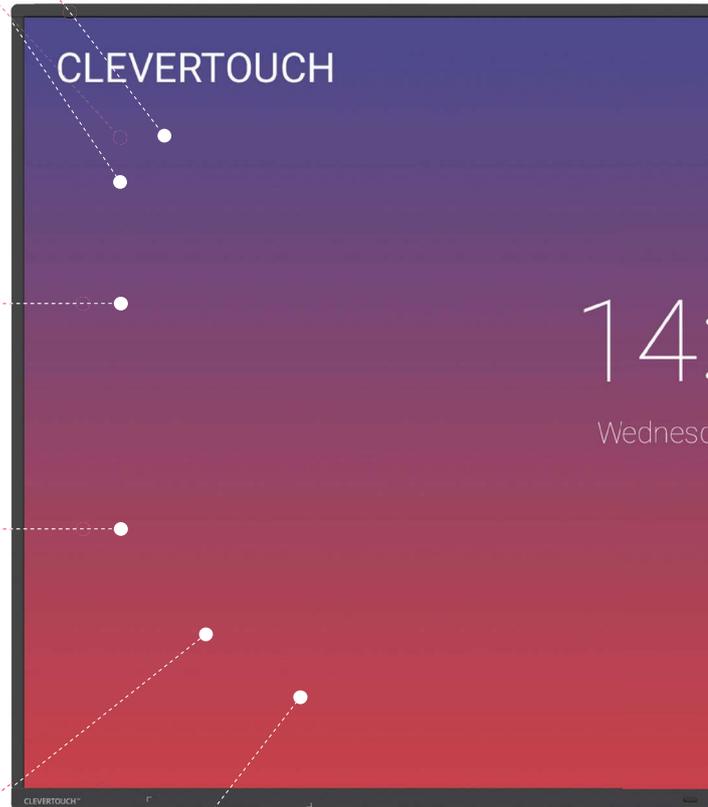
High Precision Technology

Our patented Super Glide Touch technology offers the most fluid writing experience on a touchscreen. It's as smooth as writing on a whiteboard – with no lag. With the ability to differentiate between palm-erase, fingertouch, and stylus-writing, there's no need to change settings mid-flow.

LUX 8.0

Easy to use interface. Simple, quick, intuitive apps and gestures designed to make everyday tasks seamless.
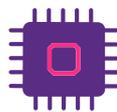
Clevershare

Screen mirror with images, video and audio.

CLEVERTOUCH

What's New?

Built-in array microphone - all lessons can be recorded with sound

3GB RAM
32GB ROM

Latest generation USB-C with charging and hardware optimisation

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Cleverstore
Access hundreds of free teaching apps
to make lessons more engaging.

Comprehensive Warranty
No ongoing subscription charges.

Infinity Whiteboarding
Never run out of space with our infinite canvas. With
numeracy tools, handwriting-to-text recognition, and
the ability to insert images and shapes, all of which
can be saved, printed or shared to student devices.

Connectivity
Huge connectivity including one of the latest USB-C
ports. Allows single cable connection for audio, video
and touch.

LYNX Whiteboard
Whiteboarding made easy with a huge
selection of pen & art tools to choose from.

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22
day, 16/01

Extras

With the NFC pen tray teachers
can be assigned with a fob card
that carries all their settings and
accounts, so there is no need for
a lengthy log-in process

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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 (3840 x 2160)
Response Time	5ms
Refresh Rate	60Hz
LCD Viewing Angle	178˚
Brightness	400 cd/m2
Contrast Ratio	**65"** 4000:1 **75"** 4000:1 **86"** 4000:1
Dynamic Contrast Ratio	**65"** 5000:1 **75"** 5000:1 **86"** 5000:1
Glass Hardness	Tempered Glass - Mohs Level 7
NEW Glass Type	Low Parallax 1mm Air Gap - Heat tempered - Anti Glare - Super Glide Surface
Main Board	MS848 - MStar
Life of Screen	50,000 hours

Interactivity

Writing Technology	High Precision IR Technolgy
Continuous Touch Points	20
Touch Resolution	32768x32768px
Response Time	≤5ms
Touch Accuracy	1.5mm
Minimum Object Size	3mm
Touch Tool	Finger, Gesture, Passive Infrared pen
Simultaneous Writing	Yes
Ink In Tools	Yes - LYNX
Pens Included	2
Pen Type	Dual Recognition Stylus
Pen Holder	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 10, Linux, Mac, Android, Chrome
Tracking Rate	6m/s
Scan Rate	200Hz
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 (1 USB port only for system upgrade)
USB Touch (type B)	2
USB A 3.0 (Faster Data Transfer)	3
NEW USB C (Video, Audio & Touch)	1 (Supports 65W Charging)
LAN In (RJ45)	1
RS-232	Yes
Wake-on-Lan	Yes
Wireless Adapter 2.0 + WAP	Yes
Clevertouch WiFi Module	Yes
NEW Bluetooth	Yes – 5.0
VGA In	1
Audio In	1 (3.5mm)
Optical Out	1 (Coax)
Headphone	1 (3.5mm)
Total touch out ports	2
NFC Reader / Writer	Optional Extra
Camera	Optional Extra
Proximity Sensor	No
WiFi	IEEE 802.11a/b/g/n/ac (2.4 and 5 GHz bands)
WiFi Speed	Capable of speeds up to 433Mbps

Computing

Operating System	Android Oreo 8
System Version	LUX 8
NEW RAM	3GB
NEW Internal Storage	32GB
CPU	Dual Core A73+Dual Core A53
GPU	Dual Core Mali G51
Android Resolution	4K
Integrated LUX UI	Yes

Audio

Speakers	2 x 15 Watt Speakers
Audio Out	Yes
SPDIF / Fibre	Yes
Sound Channel	2
NEW Line Array Microphone	Yes – Omni-directional up to 8 meters

CLEVERTOUCH®
TECHNOLOGIES

IMPACT Gen 2 Specifications

Power

Power Requirements	100 - 240V 50/60Hz 4.0A
Power Consumption (Normal)	**65"** 142W **75"** 165W **86"** 195W
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"** 1489x891x86mm **75"** 1709x1013x89mm **86"** 1957x1153x86mm
Packed Dimensions	**65"** 1628x208x992mm **75"** 1860x280x1132mm **86"** 2112x280x1273mm
Net Weight	**65"** 39.5Kg **75"** 53Kg **86"** 67.7Kg
Packed Weight	**65"** 49.7Kg **75"** 62.8Kg **86"** 80.8Kg
VESA Mount Point	**65"** 600×400mm **75"** 800×400mm **86"** 800×600mm

IMPACT™ Built-in Features

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
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 license

Packed Contents - Inside your Clevertouch Box

What's In The Box	(1) Clevertouch IMPACT 2™ (1) 1.5M 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

Warranty

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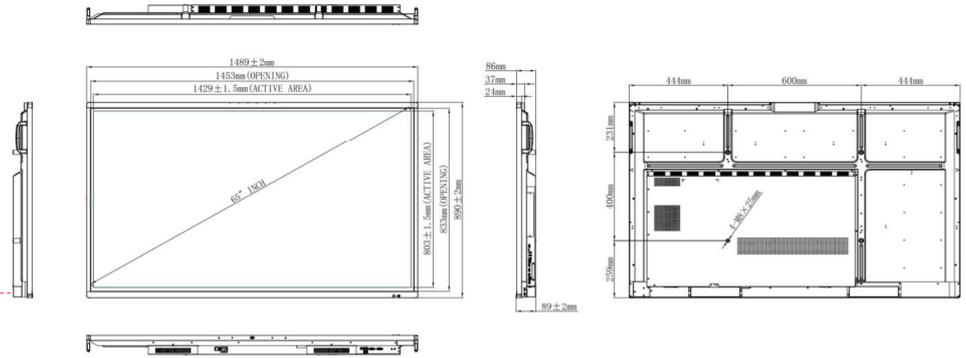
Installation

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.com
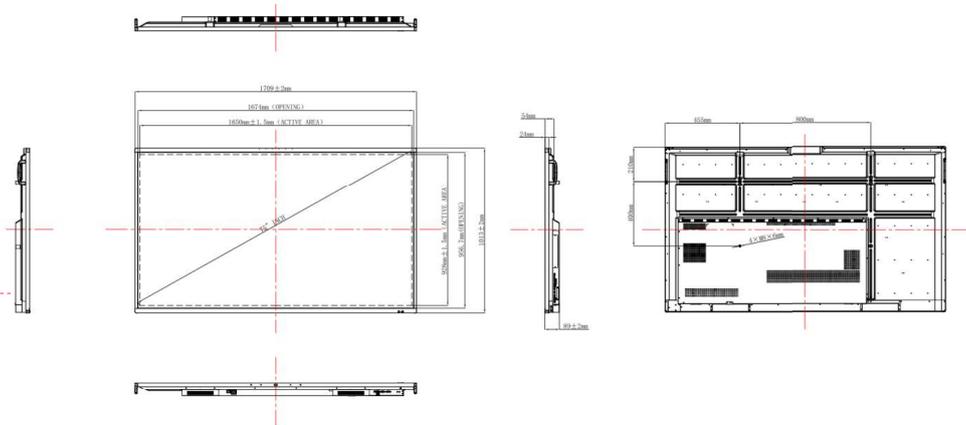
Compliance & Certification

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

Support

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

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