

Designed for education, IMPACT™ is the perfect all-round solution for the classroom.

NEW

## Connectivity

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

## Comprehensive Warranty

No ongoing subscriptions charges.

## Audio

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

## Cloud Accounts

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



NEW

## 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.

## 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.

## 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.

NEW

## LUX 8.0

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

## Cleverstore

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

## NFC Pen Tray

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 (Optional extra).

# How IMPACT™ works for your school



Save time lesson planning with subscription free software



Apps for Blended Learning



Screen mirroring with built-in teacher controls



Making integration and installation easier



High Precision Technology



Send messages, alerts and media to all of your Clevertouch screens remotely.

# Quick Launch Menu for instant teaching tools

Your most commonly used apps are available with one touch and are easily accessible via the Quick Launch Menu.

Annotation tools can be accessed at any time, keeping lesson flow smooth and simple, ensuring increased student engagement.

The Clevershare App is free to download and compatible with Android, Windows, iOS and Chrome devices. Up to 50 devices can connect with the Clevertouch screen and share content – images, video, and audio. The presenter has full control over what is shared, and can show up to 4 device screens simultaneously, increasing student collaboration and participation within every lesson. Now includes touch-back.

Make notes, diagrams or images, add and scroll through multiple pages, insert an image or change the background colour. Now includes handwriting and formula recognition.

Double click on files to open them, as well as easily copy, cut and paste, so it's just like using a PC. Personal Cloud Storage integration.

Explore the internet without needing a computer, using the IMPACT™, Chrome and Chromium browsers.

Cleverstore contains hundreds of apps in all subjects and a range of languages, including literacy, STEAM and languages. Each app is tested by our team, to make sure no adverts, in app purchases, or inappropriate content gets through. We've partnered with the most popular educational app developers to give you apps that you can really make use of in the classroom.

Easily go back to recently used apps using the Active button with split screen mode.

Protect your Clevertouch with a password by using Lock.

All of the integrated apps and the apps you've downloaded from the Cleverstore can be found here.

All your favourite apps in one place, including Settings.

Floating annotation tool - Annotation, voting, spotlight, handwriting, timer, stopwatch, snipping and zoom tools.



All included in panel pricing, and no on-going costs

# CleverMessage™

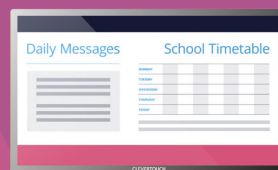
EXCLUSIVE TO  
CLEVERTOUCH

With CleverMessage™ your Clevertouch isn't just a screen for teaching, it's also a communications tool. Use it to broadcast messages, alerts and important information to students, staff and visitors.

It's so easy and free to use!

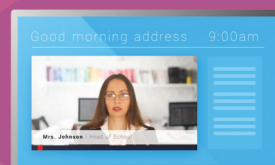
- 1** Create an online account and connect your Clevertouch screens.
- 2** Add your logo, school colours, images, YouTube channel, videos, posters and more.
- 3** Choose your template and schedule your alerts.

## Flexible Messaging Solutions



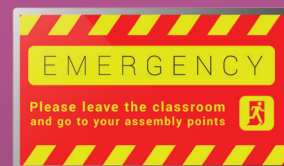
Daily news and activities

Weekly lunch menu



Live video messages from the school office

Emergency announcements and fire drills



— DO IT —  
**your way**  
Seamless integration



## Flexible IT Computing Solutions

Upgrade to a Windows 10 Pro state-of-the-art latest Intel® OPS module.

From height adjustable mobile trolleys to wall mounts, we have a variety of solutions available to make your installation complete.

[clevertouch.com / accessories](http://clevertouch.com/accessories)



## CLEVERSTORE®

Download your favourite Apps or search our FREE to use Cleverstore.

Google for Education



Using a Certified by Google Chromebox you can access the easy-to-use Google Classroom interface, allowing you to quickly create, save and share content.

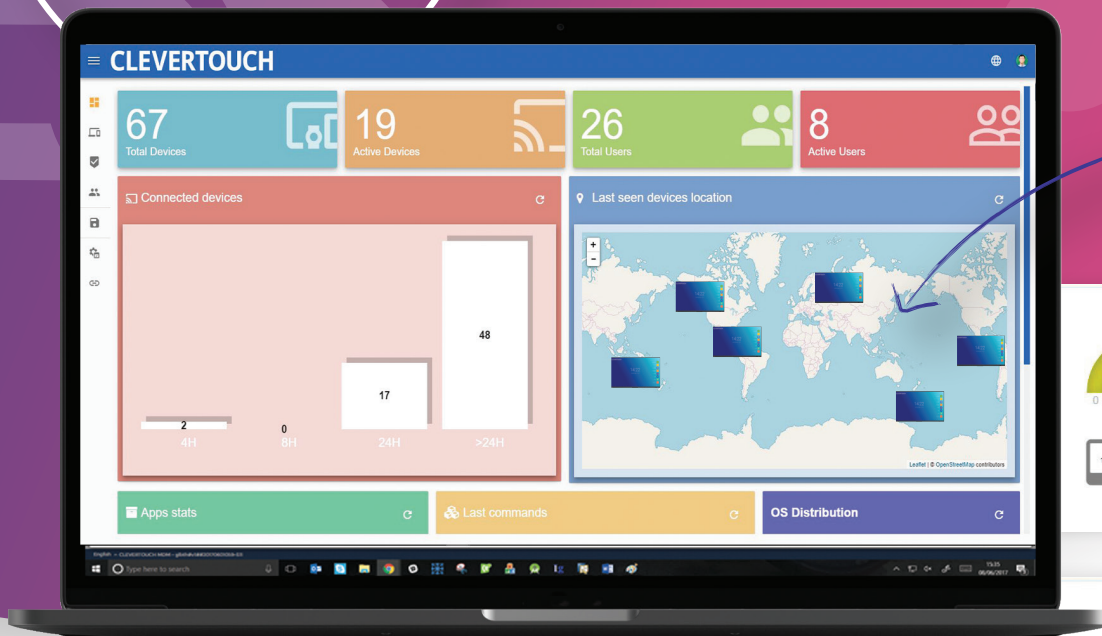


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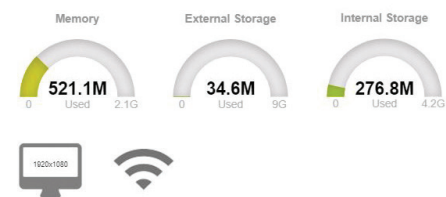
MDM & OTA functionalities mean you can control multiple Clevertouch devices, wherever they are!

# Remote Management

IT departments and school administrators can take control with our MDM and OTA functionalities. No need to visit each classroom to upgrade or troubleshoot, now it can all be done remotely.



An overview of all your Clevertouch displays



Update or Remove apps

View status information

View the Clevertouch screen

Install apps and files

Push messages to the Clevertouch

Lock and unlock a Clevertouch

Restart or Shutdown your Clevertouch

Add tags so you can group your Clevertouch fleet

View Individual Clevertouch Screens, update apps settings and more!

## Instant Over-the-Air Updates (OTA)

The new Over-the-Air technology means that new features, bug fixes, software and hardware updates can be seamlessly delivered to every Clevertouch screen. With just the click of a button the Clevertouch screen will search for the latest

firmware update and install it, giving you instant access to the latest apps and features. Patch fixes no longer have to be downloaded onto a USB and uploaded manually, giving IT Managers more time and less hassle.

# Which IMPACT™ is for you?

	IMPACT™	IMPACT Plus™
Sizes	65" 4K, 75" 4K, 86" 4K	55" 4K, 65" 4K, 75" 4K, 86" 4K
RAM	2GB RAM	4GB RAM
Internal Storage	16GB	32GB
4K UHD (3840x2160 @60Hz)	Yes	Yes
Tempered Glass - Mohs Level 7	Yes	Yes
High Precision Technology	Yes	Yes
20 Continuous Touch Points	Yes	Yes
Finger, Gesture & Pen	Yes	Yes
Simultaneous Writing	Yes	Yes
Ink-In Tools Via LYNX	Yes	Yes
Dual Recognition Stylus	Yes	Yes
Palm Rejection	Yes	Yes
Annotate Over Any Source	Yes	Yes
Classroom Essential Apps: Includes Whiteboard, Annotate, Timer, Media Players, Browser, Pdf Reader, Screen Record, Spinner, Voting, Maths Tools	Yes	Yes
Compatible With Windows 7 To 10, Windows XP, Linux, Mac, Android, Chrome	Yes	Yes
LUX 8 Powered By Android Oreo 8	Yes	Yes
2 X 15 Watt Speakers	Yes	Yes
Ops Intel Pc Slot	Yes	Yes
Great Connectivity	Yes	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

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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 (3840x2160 @60Hz)
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
Glass Type	Heat tempered - Anti Glare - Super Glide Surface
Life of Screen	50,000 hours

## Interactivity

Writing Technology	High Precision Technology
Continuous Touch Points	20
Touch Resolution	32768x32768px
Response Time	5ms
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	NFC Pen Tray (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

## Connectivity

OPS Slot	1 - Intel® spec
HDMI in	3
HDMI Out	1
USB-A 2.0	3
USB Touch (type B)	2
USB A 3.0 (faster data transfer)	3
USB C	1 (non charging)
LAN In (RJ45)	1 GB
RS-232	Yes
Wake-on-Lan	Yes
Clevertouch WiFi Module	Yes
Bluetooth	Yes - 4.0
Displayport In	1
VGA In	1
VGA Audio In	1 (3.5mm)
Optical Out	1 (Coax)
Headphone	1 (3.5mm)
Touch Out	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). Capable of speeds up to 433Mbps

## Computing

Operating System	Android Oreo 8
System Version	LUX 8
RAM	2GB
Internal Storage	16GB
CPU	Dual Core A73+Dual Core A53
GPU	Dual Core Mali G51
Android Resolution	1080p
Integrated LUX UI	Yes

## Audio

Dual Front Facing, Bass Enhanced Speakers	2 x 15 Watt Speakers
Optical Audio Out	Yes
Audio Out	Yes
SPDIF / Fibre	Yes
Sound Channel	2.0

Power

Power Requirements	100 – 240V ~ 50/60Hz
Power Consumption (Normal)	65" 104W
	75" 170W
	86" 155W
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" 1489x919x91mm
	75" 1710x1004x88mm
	86" 1957x1143x87mm
Packed Dimensions	65" 1669x1015x223mm
	75" 1930x1140x280mm
	86" 2123x1310x280mm
Net Weight	65" 39.90Kg
	75" 51.95Kg
	86" 66.45Kg
Packed Weight	65" 49.25Kg
	75" 68.30Kg
	86" 90.05Kg
VESA Mount Point	65" 600x400mm
	75" 800x400mm
	86" 800x600mm



Warranty

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

Compliance & Certification

Regulatory Certification	CE, FCC, UL, Energy Star & EEC
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IMPACT™ Built-in Features

NUI TEQ™ Snowflake	Yes
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 licence

Packed Contents - Inside your Clevertouch Box

What's In The Box	(1) Clevertouch IMPACT™ (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 (2) Antenna
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Installation

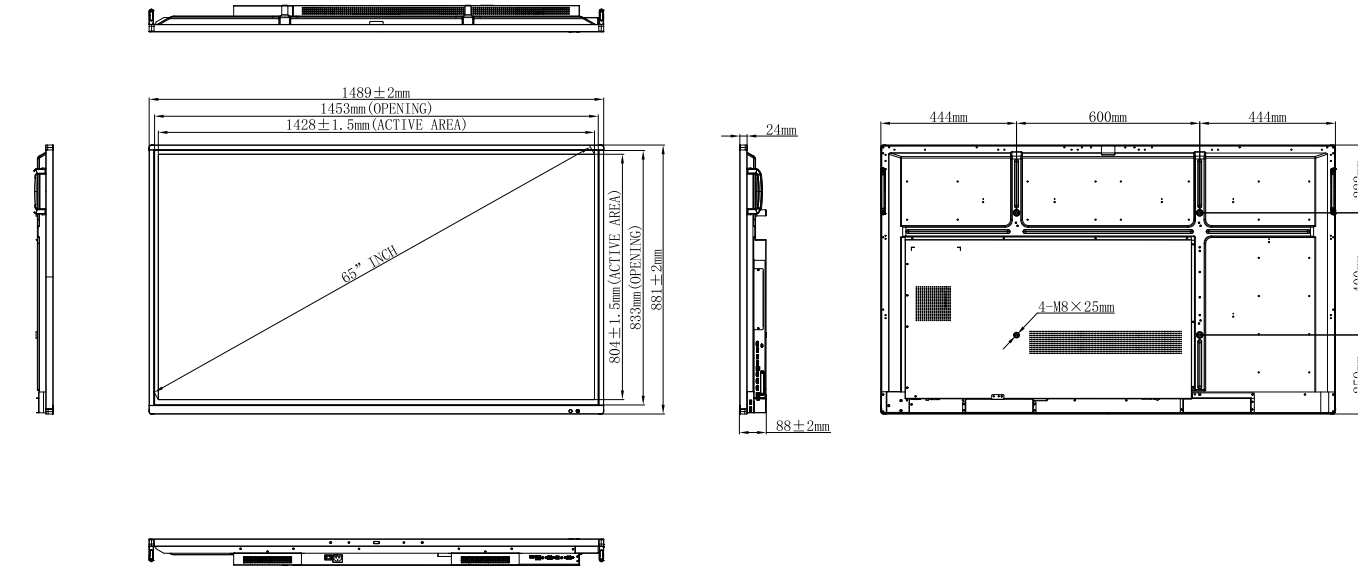
The installation of this product should be completed by a qualified installer. Use of components not supplied by Clevertouch or not meeting minimum specifications may impact performance, safety and warranty. For more information, visit [clevertouch.co.uk](http://clevertouch.co.uk)

Support

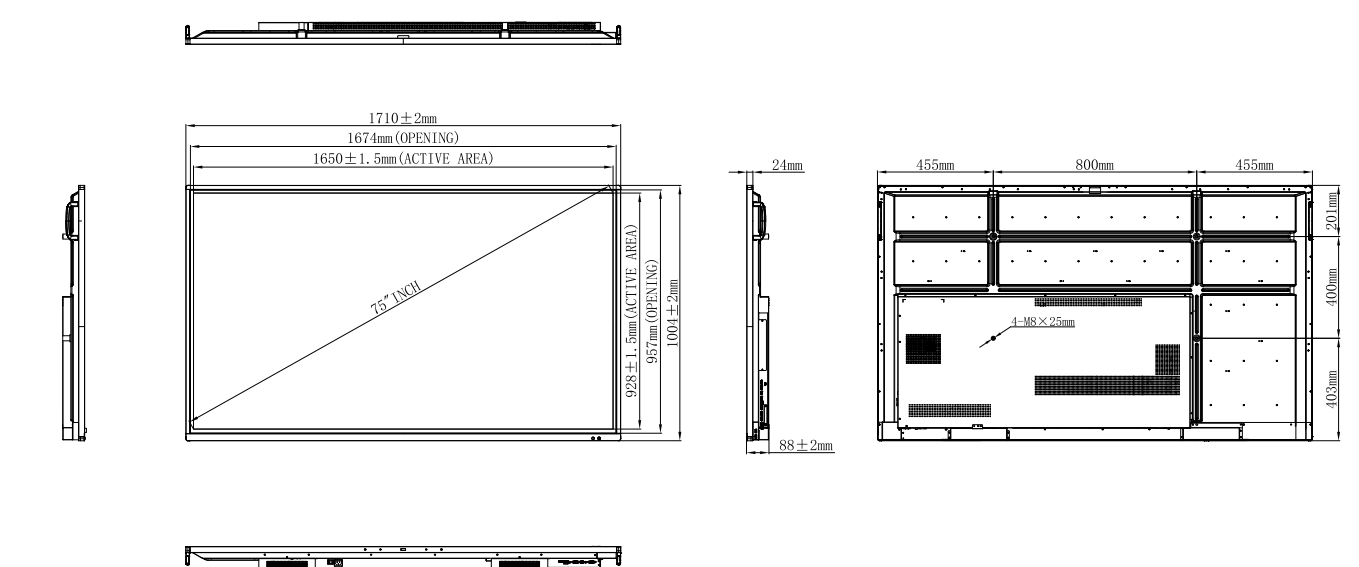
For all Clevertouch products, visit: [support.clevertouch.com](http://support.clevertouch.com)



65"



75"



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86"

