CLEVERTOUCH®
TECHNOLOGIES

clevertouch.com

Connecting people with technology

IMPACT Plus
Gen 2

#clevertouch | info@clevertouch.com

Key Features

Compatible with Google Workspace and Microsoft 365
You can prepare resources anywhere at any time

Designed for hybrid learning
Students can participate in and out of the classroom

Free apps and software
Cleverstore, LYNX Whiteboard

Screen mirroring for 50 devices
With 6 mobile devices shown on your IMPACT Plus - Clevershare

Full screen digital signage capabilities
ClevertouchLive App

Customise your home screen
With your school's colours, logos, photos and preferred apps and software - ClevertouchLive

Control and troubleshoot remotely
Via MDM Remote Management

Elevated connectivity
Latest generation USB-C for charging and ethernet, plus all other connectivity ports for connecting a range of devices.

Save time lesson planning with subscription-free software

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

Screen mirroring with built-in teacher controls

High Precision Technology

Apps for Blended Learning

Making integration and installation easier

clevertouch.com | info@clevertouch.com

Super Wide Sound

45W Max Power for room-filling sound.

4K

True 4K resolution and sharper user experience throughout.

Cloud Accounts

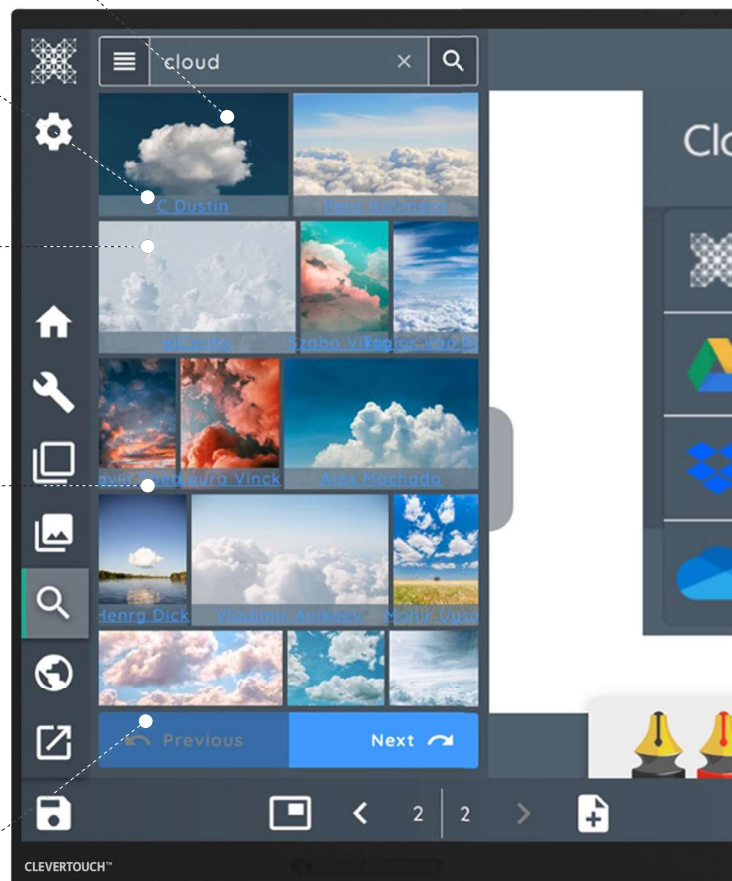Sync with your Cloud accounts so that you can work anywhere at any time.

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.
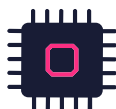
Security Matters

We know how important it is to be secure, so we've got lots of options for you to keep control of your device. Clevertouch can run on-or-off the network. Settings, apps and Android can all be disabled. Data can be wiped at the end of a session and the screen can be locked with a secure passcode.

What's

Zero bonding - no air gap gives greater accuracy, improved performance and vibrant imagery
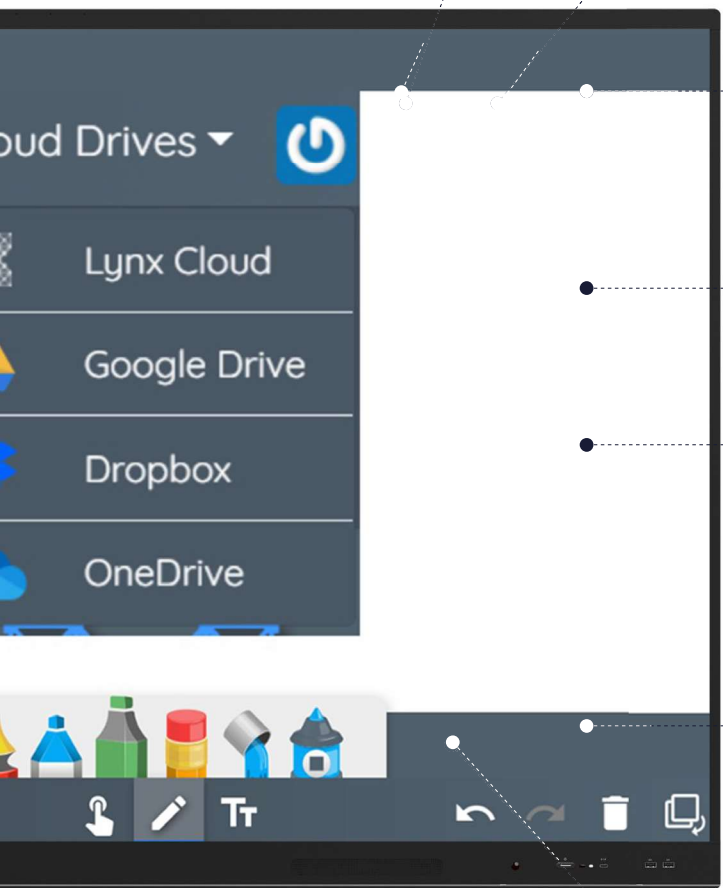
Android 9 4K Chipset – 6GB RAM / 64GB ROM

Front-mounted latest-generation USB-C – allows switching between any device

Front-facing speakers and subwoofer for clearer, more powerful quality audio

clevertouch.com | info@clevertouch.com

New super cool stylus
Comfort stylus to aid teaching

Microphone
Built-in line array microphone.

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 the latest USB-C port.

Environmentally Friendly Motion Detection
Equipped with Proximity Sensors your Clevertouch
will power off when no one is detected in the room.

ud Drives
Lynx Cloud
Google Drive
Dropbox
OneDrive

New?

Upgraded 6
array microphone

Ambient
light sensor

Front-mounted
power button

Front-mounted
USB-A port

clevertouch.com | info@clevertouch.com

Display

Diagonal Size	55" 4K, 65" 4K, 75" 4K, 86" 4K
Screen Type	TFT LCD - Direct LED Backlight
Aspect Ratio	16:9
Display Colours	1.07 Billion (10bit)
Resolution	4K UHD (3840 x 2160)
Response Time	5ms
Refresh Rate	60Hz
LCD Viewing Angle	178˚
Brightness	420 cd/m2
Contrast Ratio	**55"** 4500:1 **65"** 4500:1 **76"** 4500:1 **86"** 4500:1
Dynamic Contrast Ratio	**55"** 5000:1 **65"** 5000:1 **75"** 5000:1 **86"** 5000:1
Glass Hardness	AG Tempered Glass - Mohs Level 7
NEW Glass Type	Low Parallax Zero Bonding - Heat tempered - Anti Glare - Super Glide Surface
NEW Main Board	9950 MTK (MStar)
Life of Screen	50,000 hours

Interactivity

Writing Technology	High Precision IR Technolgy
Continuous Touch Points	20
Touch Resolution	32768x32768
Response Time	≤5ms
NEW Touch Accuracy	1mm
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	Integrated Full-length Pen Tray
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	1 (1 USB for system upgrade)
USB Touch (type B)	2
NEW USB A 3.0 (Faster Data Transfer)	4
NEW USB C	1x USB-C with video, audio, touch, power and hardware optimization and ethernet – front-mounted 1x USB-C with video, audio, touch, power and hardware optimization – side-mounted 1 (Supports 65W Charging)
LAN In (RJ45)	1
NEW LAN Out (RJ45)	1
RS-232	Yes
Wake-on-Lan	Yes
NEW Wireless Adapter 2.0 + WAP	Upgraded
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	Yes
WiFi	IEEE 802.11a/b/g/n/ac with 2 × 2 MIMO (hotspot only) (both 2.4 and 5 GHz bands)
WiFi Speed	Capable of speeds up to 433Mbps

Computing

NEW Operating System	Android 9
NEW System Version	LUX 9
NEW RAM	6GB
NEW Internal Storage	64GB
NEW CPU	Quad Core A73
NEW GPU	Mali G52MC2
Android Resolution	4K
Integrated LUX UI	Yes

Audio

Dual Front Facing, Bass Enhanced Speakers	2 x 15 Watt Speakers + 15 Watt Subwoofer
Audio Out	Yes
SPDIF / Fibre	Yes
Sound Channel	2.1
NEW Line Array Microphone 6	Yes – Omni-directional up to 8 meters
Super Wide Sound	Yes

clevertouch.com | info@clevertouch.com

CLEVERTOUCH®
TECHNOLOGIES

IMPACT Plus Gen 2 Specifications

Power

Power Requirements	100 - 240 ~ 50/60Hz 3.5A
Power Consumption (Normal)	**55"** 102W **65"** 117W **75"** 145W **86"** 168W
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	**55"** 1262x794x89mm **65"** 1488x920x90mm **76"** 1709x1043x89mm **86"** 1957x1182x86mm
Packed Dimensions	**55"** 1428x220x902mm **65"** 1628x208x1024mm **75"** 1860x280x1163mm **86"** 2112x280x1304mm
Net Weight	**55"** 27.7Kg **65"** 37.3Kg **75"** 51.1Kg **86"** 63.8Kg
Packed Weight	**55"** 33.9Kg **65"** 45.7Kg **75"** 63.9Kg **86"** 78.9Kg
VESA Mount Point	**55"** 400x200mm **65"** 400x200mm **75"** 800x400mm **86"** 800x600mm

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

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

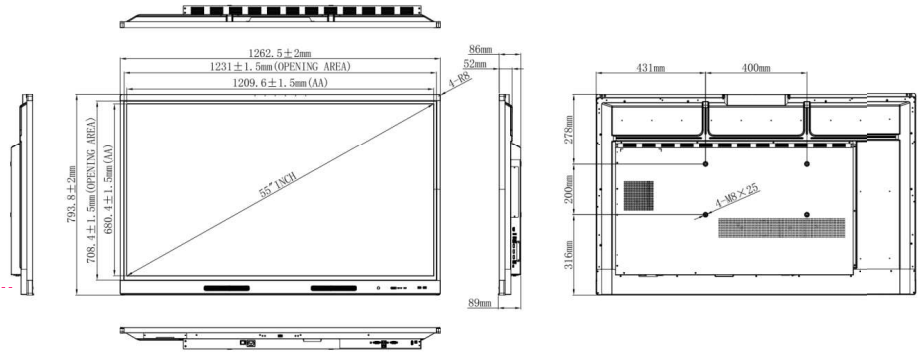| What's In The Box	(1) Clevertouch IMPACT Plus 2™ (1) 1.5M Length HDMI Cable (1) 3M Length USB cable (A-B) (2) 1.5M USBC Cable (1) 3M Regional Power Cable (1) 5M 3.5mm Audio Cable (1) Remote Control (2) Batteries for Remote Control (2) Dual Recognition Stylus (1) User Guide (1) Quick Install Guide (1) Wireless Adapter 2.0 + WAP

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
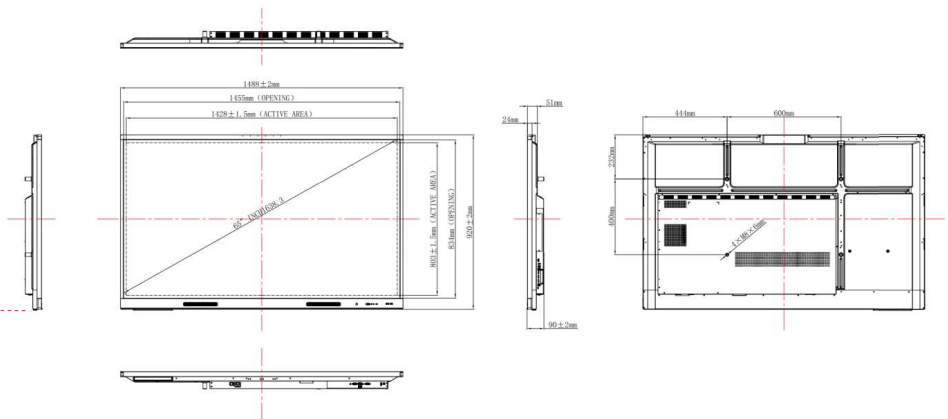
Support

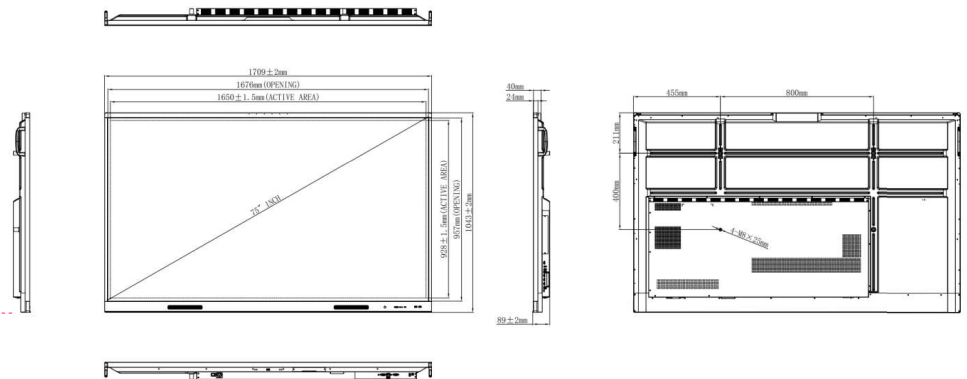For all Clevertouch products, visit: support.clevertouch.com

clevertouch.com | info@clevertouch.com

CLEVERTOUCH®
TECHNOLOGIES

IMPACT Plus Gen 2 Specifications Diagram

55"

65"

75"

86"