

# CLEVERTOUCH®

## M Series

Combining high quality design, functionality, durability and 4K resolution .



**Annotation tools** let you annotate over internet browsers, documents, apps or desktop.

Compatible with **Windows, Mac OS X, macOS** and **Chromebook**.

Free **over-the-air updates**. Always have the latest firmware and features.



**Internet browser** allows you to browse the web without the need to connect to a PC.

**Super-Glide Surface**. Smooth glass for a fluid writing experience.

**Connectivity** includes HDMI IN & HDMI Out, DisplayPort, VGA, RS232 and USB.

## LUX User Interface

The LUX user interface has been designed to be simple to use and intuitive. With functionality similar to a tablet or smartphone, every task requires just a quick touch or swipe to action. Clevertouch have created a system that is so simple, anyone can walk into the room and use the screen with no training or prior knowledge.

# Software Included for free with no ongoing subscription costs

## Bring lessons to life with Snowflake

A desktop and online educational software that brings interactivity to your school and boosts classroom engagement by using Smarter Human Interaction. Snowflake enables teachers and students to tell engaging, interactive stories that align closely with the curriculum, it provides a safe community for online and small group collaboration, and it allows simultaneous personalized instruction making curriculum relevant to students' lives.



## Work anywhere with LYNX

Lynx annotation and lesson planning software enables students to interact with content and collaborate in the classroom. Using Lynx, teachers can create imaginative lessons with content from a variety of sources. The newly designed interface makes Lynx easy to use, and the upgraded system gives a fast, smooth, simple experience.



## M Series | Specifications

### Display

<b>Diagonal Size</b>	<b>L65CC</b> 65" <b>L75CC</b> 75"
<b>Screen Type</b>	LCD
<b>Aspect Ratio</b>	16:9
<b>Display Colours</b>	<b>L65CC</b> 1428.48 (H)*803.52(V)mm <b>L75CC</b> 1649.664(H)*927.936(V)mm
<b>Resolution</b>	3840(H)*2160(V)
<b>Pixel Pitch</b>	<b>L65CC</b> 0.372mm x 0.372mm <b>L75CC</b> 0.4296 mm x 0.4296 mm
<b>Back Light Unit</b>	DLED
<b>Response Time</b>	8ms(Typ)
<b>Refreshing Frequency</b>	60Hz
<b>Display Color</b>	1.07B(10bit)
<b>Brightness with glass (typ)</b>	350 cd/m2
<b>Brightness with glass (min)</b>	300 cd/m2
<b>Contrast Ratio (typ)</b>	1200:1
<b>Viewing Angle</b>	178°
<b>Life Time</b>	30,000 Hours

### Touch System

<b>Sensing Type</b>	Infrared touch technology
<b>System</b>	Windows 7/8/10/WindowsXP/Linux/Mac/Android
<b>Touch point</b>	2 points writing and 20 points touch
<b>Touch Tool</b>	Finger, passive pen, opaque objects
<b>Minimum Object Size</b>	3mm
<b>Response Time</b>	<10ms
<b>Accuracy</b>	±2mm
<b>Communication Mode</b>	Full-speed USB
<b>Touch Drive</b>	Free drive
<b>Surface Hardness</b>	Toughened Glass with Level 7 of Mohs Standard

### Android System

<b>System Version</b>	Android 8.0
<b>CPU</b>	Dual core A73+Dual core A53
<b>GPU</b>	Dual core Mali G51
<b>RAM</b>	2GB
<b>ROM</b>	16GB

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# M Series | Specifications

## Display Connectors

HDMI IN	3
HDMI Output	1(4K2K OUT)
VGA IN	1
PC- Audio IN	1
Coaxial/Optical Output	Optical*1
Audio Output	1
USB 2.0	3 (Front* 2, Bottom side* 1 Only for software update, any device)
USB 3.0	3 (OPS 3.0, Android 2.0)
USB Touch Output	2
AV IN	0
RS232	1
LAN(RJ45)	1

## Power

Power Requirements	100-240V ~ 50/60Hz
Standby Power	≤0.5W
Overall Power (nominal power)	TBD

## Accessories

Power Cord	3 M*1
USB Cable (Type A-Type B)	5 M*1
HDMI Cable	3 M*1
Writing Pen	2pcs
Remote Control	1pcs

## Video/Audio Power

Speaker Type	Built-in Speaker
Output Power	2 x 10W (Front Facing)

## Environmental Conditions

Operation Temperature	0°C - 40°C
Operation Humidity	10% - 90%
Storage Temperature	-20°C -60°C
Storage Humidity	10% - 90%
Altitude Below	Below 5000 meters

## PC Module

Type	Detachable Intel OPS module (80pin)
Model	OPS42A
Chipset	Intel® 8th Gen Whiskey Lake-U Soc, up to 15W
CPU	Intel® Core™i7-8565U/i5-8265U/i3-8145U vPro: Intel® Core™ i7-8665U/i5-8365U
RAM	4G/8G/16G Optional
HDD	500G/1T optional
M.2 SSD	128G/256G/512G Optional
Graphics	Integrated Intel® HD Graphics
Networking	10/100/1000M
WIFI	802.11ac (2.4GHz/5GHz)
Bluetooth	Bluetooth4.2

## Physical Specifications

Key Location & Number	Front physical keys, 1
Dimension (L*H*D)	65" : 1488×896×87; 75" : 1709×1019×87
Dimension(package) L*W*H	65" : 1656*204*1050; 75" : 1860*280*1140
Net Weight	65" : 39kg
Gross Weight	65" : 50kg
Wall-hanging Screw Spec	M8*25mm
VESA	L65CC 600*400mm L75CC 800*400mm

## Packed Contents - Inside your Clevertouch Box

- (1) Clevertouch M (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

## Support

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