

## TOUCHBOARD XENON PRO

LED MULTI-TOUCH PANEL

TBP-65-PRO  
TBP-75-PRO  
TBP-86-PRO  
TBP-98-PRO



## DIGITAL TOOLS FOR COLLABORATIVE LEARNING ENVIRONMENTS



### TouchBoard Xenon Pro Market Leading Features

- Zero Bonded Screen – a sharper viewing experience
- Ultra Thin IR Bezel – a precise writing experience
- USB C Enabled – a better connection experience
- Android 9 Quad Core – a faster user experience

## TOUCHBOARD FEATURES



### ANDROID

Upgradable Android operating platform, it's as easy to use like your smartphone or tablet. It comes pre-loaded with a suite of specially selected apps to get you started right away.



### SCREEN PROJECTION

Collaborate by mirroring your screen flawlessly in real time. Multi-screen mirroring with student interaction while browsing and sharing files, videos and photos. Students can share their display from their devices, creating a collaborative environment.

### 4K

### ULTRA-CLEAR 4K UHD RESOLUTION

Provides readability from the front to the back of the classroom or lecture hall. Also the ability to record classes or lectures, means no one will miss a beat.



### WARRANTY & SUPPORT

Peace of mind with our comprehensive 5 year warranty and support program. Protect your investment with our warranty and support commitment extending beyond the 5 years



### SOFTWARE

Annotation software provides the ability to annotate on photos, videos, webpages or any other screen or input channel. Simply annotate and quickly share documents.



### 20 POINT MULTI-TOUCH INFRARED TECHNOLOGY

Delivering exceptional reliability. Ultra-thin IR Bezel provides a responsive and accurate writing experience. Students can simply Plug and Play their devices with no drivers or calibration required. Windows gesture support enabled.

# PRODUCT SPECIFICATIONS

DISPLAY	
LCD Size	74.52"
LCD Brand	BOE
Backlight Type	D-LED
Resolution(pixels)	3840x2160(pixels,RGB)
Brightness	350cd/m <sup>2</sup> (min.), 400cd/m <sup>2</sup> (typ.)
Contrast Ratio	1200:1(typ.)
Response Time	8ms (typ.)
Pixel Pitch(mm)	0.4296(H)x0.4296(V)
Refreshing Frequency	60Hz
Viewing Angle	178°(H) / 178°(V)
Life Time	30,000 hrs (min.)
Color Gamut(X% NTSC)	72%(typ )
View Area(mm)	1649.664(H)x927.936(V)
Display Colors	1.07B(8bit+FRC)

INTERFACE	
HDMI IN	X2 Version: HDMI2.0 Up to 3840x2160@60Hz HDMI2 support ARC function
	X1 Version: HDMI2.1 Panel display Up to 3840x2160@60Hz Input up to 7680x4320@60Hz
DP IN	X1 Version: DP1.2a Up to 3840x2160@60Hz
VGA IN	X1 Interface: DB15 Up to 1920x1080@60Hz
OPS(optional)	X1 Interface: JAE
Audio IN	X1 Input level: 0.2-2Vrms Interface: Φ3.5mm mini interface
LAN	X2 10M/100M/100M Base-T Interface: RJ45
Android USB	X2 Version: USB3.0 Interface: Type-A
	X1 Version: USB2.0 Interface: Type-A
Public USB	X2 Version: USB3.0 Interface: Type-A
Touch-USB	X2 Version: USB3.0 Interface: Type-B
Type-C USB	X1 USB(Type C) Power output: 60W
MIC IN	X1 Interface: Φ3.5mm mini interface
RS232 IN	X1 Interface: DB9
HDMI OUT	X1 All signal can be loop-outed
S/PDIF OUT	X1 Type: Optical TOSLINK terminal(Black)
Audio OUT	X1 Output level: 150±20mVrms (@500mVrms,1KHZ) Interface: Φ3.5mm mini interface

STRUCTURE	
Product Size(W x D x H)	1722.5mmx87.1mmx1032.1mm
Package Size(W x D x H)	1880mmx280mmx1160mm
Housing Material	Aluminum/Metal plate
Housing Color	Black/Black
VESA	4-M8 Screw Hole 800mmx400mm

ELECTRICAL	
Chipset	MT9950
CPU	ARM A73, 1.8GHz, Quad Core
GPU	MaliG52
RAM	4GB DDR(8GB option)
ROM	32GB(64GB option)
OS	Android 9.0
Power Requirements	AC 100 V ~ 240 V, 50/60 Hz
Power Consumption Without OPS	400W
Standby Condition	<0.5W
Audio Output Power	2x15W/8Ω
OPS Power	DC 18V/5A

TOUCH	
Sensing Type	Infrared Touch Frame
Surface Protection	3.2mm Toughened Glass
Infrared Touch	20 Points
Interpolation Resolution	32768 x32768
Touch Accuracy	90%(±1mm)
Response Time	≤8ms
Output Mode	HID Standard
Theory Clicks	Unlimited
Minimum Touch Object	Single touch ≥1.6mm Multiple touch ≥2mm
Connect Type	USB2.0 Full Speed
Voltage	DC+5V±5%
Power Consumption	≤2W
Windows 10/8/7,Android	Multiple Touch
Windows XP, Linux, Mac OS X, Chrome	Single Touch