



PERION LED TOUCH SCREEN FEATURE

Has a WIFI MODULE connected on the side of the display to enhance Internet signal connection efficiency.

The display has 5 convenient physical buttons on the screen panel: Power, C Button, Back, Home, Quick Setting. The C Button can be assigned as a shortcut key to access various functions, supporting no less than 8 shortcuts, and the Quick Setting button, when long-pressed, changes its function to lock the touchscreen.

Features a Classroom share function for classroom applications, which includes the following functions: Vote, Responder, Selector, and Message.

The display has an Admin Mode function, which requires setting a password before accessing the settings.

SOFTWARE WHITEBOARD ANDROID FEATURE

Includes an Android operating system whiteboard application that can be used as a replacement for a blackboard, with the following features:

Has a function to search for information from the web browser and can insert video files from YouTube for convenient searching.

Has a function to change the background image with no less than 22 preset templates and the ability to set custom background images freely.

The software supports saving files with the .iwb extension and allows them to be recalled later for user convenience.

SCREEN SHARE FEATURE

Has a function to connect with a mobile phone application for wireless use with the board.

Wireless screen mirroring with the board supports Airplay and Mobile Application (Android).

Can mirror images from mobile phones and computers onto the touchscreen simultaneously, supporting up to 9 devices at once. It can also share the device's image back to the mobile phone for control and interaction between devices.

The Android application can send files from the mobile phone to be displayed on the touchscreen, including image files, audio files, video files, and document files.

The Android application can activate the camera and microphone of the connected device and allows for image capture/recording.

Includes a function to control the touchscreen via Mouse, Touch, Button. It has shortcut keys for convenience, including Back, Home, Volume Down, Volume Up, and supports control to open applications installed on the touchscreen.

Features a Cloud Cast function that supports screen mirroring via a web browser.

SOFTWARE WHITEBOARD WINDOWS FEATURE

Includes a whiteboard software for display usage that can be installed on an unlimited number of computers. It supports the Windows 10 operating system with the following features:

The software has pen functions that can be used as various shortcuts, including: a function to change the paper page to the next page, a function to go back a page, an eraser function, a selection function, a spotlight function, and a magnifier function.

The software has a pen function that can convert handwriting into typed text in English, Chinese, Korean, Japanese, and French.

The software supports file import with extensions: .ppt, .pptx, .dps, .pdf, .iwb, .notebook. The software supports file export with extensions: .doc, .xls, .ppt, .pdf, .htm, .png, .iwb.

The software has a function to replay all actions without saving, with the ability to stop and fast-forward as needed by the user, which facilitates lesson review.

The software has a function for inserting media (images or video files) supporting the following extensions: .wmv, .avi, .move, .mpeg, .mpg, .rm, .asf, .mp4, .flv, .mkv, .vob, .mp3, .wav, .wma, .ra, .bmp, .cur, .ico, .gif, .jpg, .jpeg, .jpe, .jif, .png, tiff.

The software includes specialized mathematics functions that can create various types of graphs by defining formulas, including Graphing, Geometry, Spreadsheet, 3D Geometry, CAS, and Probability.

Has an overlay function (transparent sheet) for writing on top of document files or web browsers, etc.

MODEL	PLED65	PLED75	PLED86
Size	65"	75"	86"
Display Technology	VA		
Backlight Type	DLED		
Display Area	1428.48 × 803.52 mm	1650.24 × 928.26 mm	1895.04 × 1065.96 mm
Resolution	3840 x 2160		
Display Ratio	16:9		
Refresh rate	60Hz		
Colors Depth	1.07G (8bits + FRC)		
Brightness Center	450 cd/m ² (Typical)		
Contrast Ratio(Typical)	5000:1		
Response Time (Typical)	8 ms		
Viewing Angle H/V (Typical)	178 ^o /178 ^o		
Color Gamut (Typical)	85% NTSC		
Haze	25%		
Backlight Life Time	≥ 50000 hrs		
Operation Hours(H/D)	16/7		
GLASS SURFACE TECHONOLGY			
Glass Surface	Tempered Glass		
Thichness	3.2 mm		
Anti-Glare	Yes		
Anti-Fingerprint	Yes		
Touch Surface Hardness	9H (Pencil)		
Transparency	88%		
Haze	4-8%		
Bonding OC and Glass	Zero Bonding		
TOUCH TECHNOLOGY			
Touch technology	IR		
Sensor XY Precision	32767*32767		
Touch Android Points	50		
Touch Windows Points	50		
Response Time (ms)	≤ 3.34ms		
Touch Frame Rate	≥ 300Hz		
Accuracy (mm)	±1mm (Central 90% Area)		
Minimum Object Size	2mm		
Recognizable Object	5+ Levels		
Simultaneously Recognizable Pens	3mm*10pcs, 8mm*10pcs		
Contact Detect Height	1.5 mm		
STEREO SPEAKER			
Speaker Position	Bottom/Forward		
Speaker Max Power	20Wx2		
ARRAY MICROPHONES MODULE			
Array Micphones Position	Top		
Micphones Total	8		
Recording Distance	10 m		
Sound localization	YES		
Automatic Gain Control	YES		
Acoustic Echo Cancellation	YES		
Reverberation Cancellation	YES		
Automatic Noise Suppression	YES		
Automatically define pickup area	YES		
Accessible Devices	Android/OPS/Touch		

WIRELESS NETWORK			
WIFI	WIFI5+WiFi6		
Bluetooth	5.2		
SMART SYSTEM			
SoC Chipset	RK3576		
CPU	A72*4+A53*4		
GPU	Mali-G52 MP3		
Memory	8GB		
Storage	64GB		
External Storage	Optional		
UI Resolution	4K		
Operating System	Android 14 (EDLA Optional)		
FRONT CONTROL PANEL			
Key Buttons	Power/Return/Freeze/Home/Setting		
IR Remote Sensor	Yes		
Ambient Light Sensor	Yes		
Lamp Status	Standby Mode:red light ,Working Mode: white		
FRONT PORT			
Type-C (INPUT)	1 (DP1.2,Touch,USB2.0,LAN-100M,PD65W)		
HDMI (INPUT)	1 (2.0)		
TOUCH	1 (US3.0-B)		
USB Host	2 (USB3.0 Public)		
Microphone In (Line in)	1 (3.5mm)		
SIDE PORT			
HDMI (INPUT)	2 (2.0)		
DisplayPort (INPUT)	1 (DP1.2)		
VGA (INPUT)	1		
Type-C (INPUT)	1 (DP1.2,Touch,USB2.0, 5V@3A)		
USB 3.0-A Host	3 (1*Android,2*Public)		
TOUCH	1 (USB3.0-B)		
HDMI (OUTPUT)	1 (2.0)		
RS232	1		
SPDIF (OUTPUT)	1		
VGA Audio (INPUT)	1(3.5mm)		
Line out (OUTPUT)	1(3.5mm)		
RJ45	2(1000M)		
OPS Slot	1(4K@60Hz)		
Accessories			
Touch Cable	1 (3m,USB2.0 A-B)		
HDMI Cable	1 (3m,HDMI2.0)		
Type-C Cable	1 (2m,65W)		
Pens	2		
Remote Control	1		
AAA Alkaline Battery	2		
Electrical Parameter			
AC Input	AC100-240V with AC Switch		
Power Consumption (Eco mode)	145W	175W	200W
Power Consumption (full load)	220W (w/o OPS)	270W (w/o OPS)	330W (w/o OPS)
Power Consumption (Standby)	≤0.5W		
Mechanical			
wall-mounted by Landscape	Yes		
VESA mounting (mm)	600 x 400 mm	800 x 400 mm	800 x 400 mm
Handles	2	2	4
Pen Holder	Magnetic Pen Part *2		
Transportation / Environment			
Operating Temperature	-10~40°C		
Operating Humidity	20~93% RH (Non-Condensing)		
Storage Temperature	-20~60°C		
Storage Humidity	20~93% RH (Non-Condensing)		
Outline Dimension (w/o wall mc	1483.9 x 922.83 x 111 mm	1705.8 x 1026.8 x 111 mm	1952 x 1165.4 x 111 mm
Packing Dimension	1634 x 185 x 1015 mm	1844 x 207 x 1145 mm	2094 x 227 x 1280 mm
Net Weight	38 kg	51 kg	63 kg