Product Specification

Product Model: XWALL-III18020

Product Specification

Product Features

✧ Built-in high-performance processor, 8-core CPU + 4-core GPU + 6TOPs NPU

✧ 8GB RAM + 64GB ultra-large storage

✧ Side gap sound emission with a 6-chamber, 6-driver speaker system

✧ Support wireless Screen Sharing Function

✧ WiFi 6, AP and STA modes, and WiFi 6 dual-band 2.4G/5G are available

✧ Support Bluetooth 5.3 Function

✧ Four-way HDMI input, enabling PBP, PIP, and POP video processing capabilities

✧ HDMI 2.0 output, realizing dual-screen display of different contents

✧ Expandable built-in PC, making easy integration of Windows system

✧ Built-in Android 13.0 system and Apps

✧ Support various scene modes for different application scenarios

✧ Built-in light sensors for intelligent space sensing, allowing for automatic brightness adjustment

✧ Overall standby power consumption≤0.5W

✧ Fully front access and hot swapping available

✧ Support adjustment modes via Wi-Fi, network cable and USB connection

✧ Built-in RS232(RJ45)interfaces can realize remote centralized control function

✧ All-in-one ultra-slim and lightweight design，The thickness of the Module is 28mm

✧ Meet the RoHS directive requirements both in China and EU

Product Parameter

Overall Parameter

Size	180 inch
Aspect Ratio	16:9
Resolution	1920×1080
Overall Size (L×H)	4026×2373mm
Display Area (L×H)	3996×2248mm
Screen Thickness	28mm
Net Weight	185kg(wall-mounting bar and stand not included)
Recommended Viewing Distance	≥4m
Maintenance Mode	Front Access
Installation Mode	Wall-mounting

Optical Parameter

Brightness	100~600cd/㎡(Adjustable)
Refresh Rate	3840Hz
Gray Scale	13~16bit
Contrast	6500:1
Color Temperature	2300~9300K(Adjustable)
Viewing Angle	Horizontal 160°, Vertical 140°
LED Lifespan	≥100,000hrs

Electrical Parameter

Operation Voltage	100~240VAC 50/60Hz
Standby Power	≤0.5W

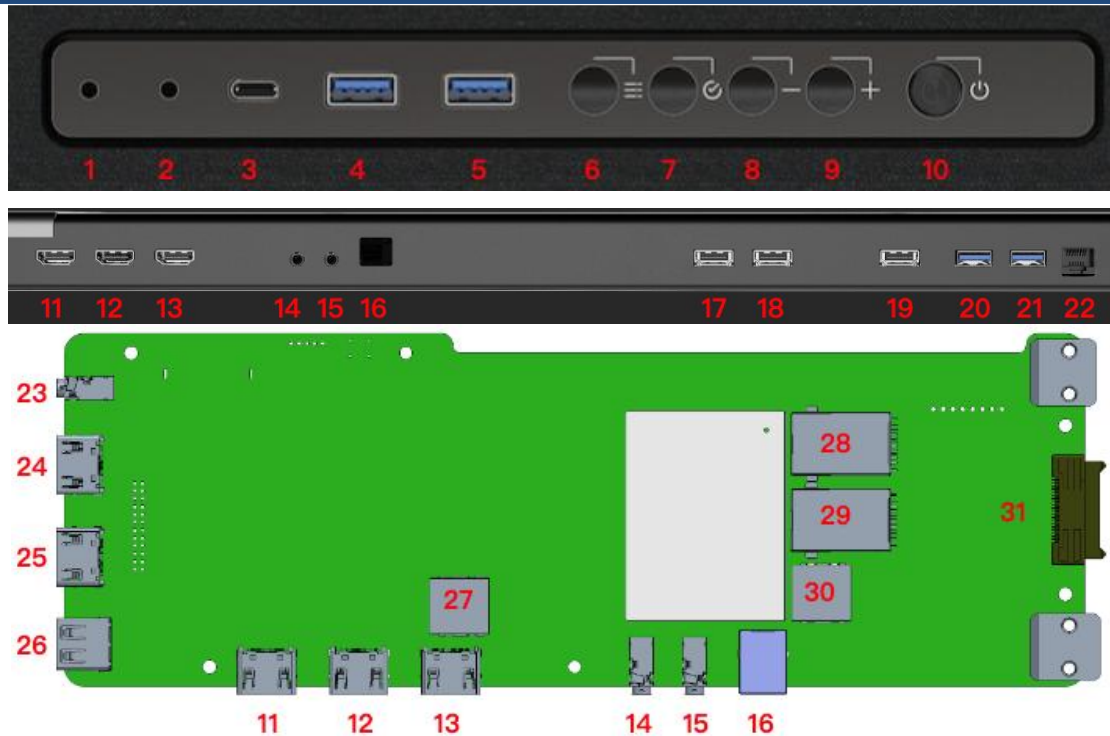|	
Average Power Consumption of Overall Unit	0.78KW
Maximum Power Consumption of Overall Unit	2.6KW
System Parameter	
Operating System	Android 13.0
CPU	Four Cortex-A76+ four Cortex-A55, frequency 2.4GHz
RAM	8GB
Storage	64GB
Media Format	Support mainstream video format such as MPEG-1,MPEG-2,MPEG-4,H.263,H.264,H.265,VC-1,VP9,VP8,MVC,AV1; Support audio formats such as MP3; Support JPG, JPEG, BMP, PNG, GIF and other image format.
Environmental Parameter	
Operation Temperature	-10℃~40℃
Operation Humidity	10%~80%RH No condensation

I/O Ports

Type	QTY
HDMI IN (HDMI2.0 *1，HDMI1.4 *3)	4 (2 internal, 2 external)
HDMI OUT	1(external)
POE	1(internal)
USB 2.0	1(internal)
USB 3.0	2(external)
Type C	1(external)
3.5 Audio Output	2(1 internal, 1 external)
3.5 Audio Input	1(external)
RS232(RJ45)	1(internal)
USB Out	1(external)
LAN	2(internal)

USB Out* is recommended for scenarios where the computer serves as the input source. By connecting directly to the computer via USB Out, it enables functionalities such as reading USB mouse, keyboard, wireless presenter, etc.

Introduction to button and interface

NO.	Description
1	Light Sensor
2	IR
3	Type C
4	USB3.0
5	USB3.0
6	Menu button(including brightness,color temperature,contrast, sound,signal source and other sub-menus)
7	Bright/OK (1.When the menu is Not called up,it is the brightness adjustment button,and the + and - keys are used to adjust the brightness; 2.When the menu is called up, it is used as confirm button.)
8	1.In the brightness adjustment mode,it is the brightness reduction key; 2.When the Menu is called up, it is the left/down/minus key 3.The default is the volume down button
9	1.In the brightness adjustment mode,it is the brightness increase key; 2.When the menu Is called up,It is the right/up/Add key

	3.The default is the volume up button
10	Standby/Wake up button,dual-color indicator light(red/blue)
11	HDMI input (facedown)
12	HDMI input (facedown)
13	HDMI output (facedown)
14	3.5mm audio output(facedown)
15	3.5mm audio input(facedown)
16	USB out
17*	HDMI input (facedown)
18*	HDMI input (facedown)
19*	HDMI output (facedown)
20*	USB3.0 (facedown)
21*	USB3.0 (facedown)
22*	RJ45 LAN(facedown)
23	3.5mm audio output (built-in)
24	HDMI1 input (built-in)
25	HDMI2 input (built-in)
26	USB 2.0(built-in)
27	RJ45 (RS232) (built-in)
28	RJ45 Android LAN port (built-in)
29	RJ45 OPS LAN(built-in)
30	POE(built-in)
31	OPS slot (built-in)

*17-22 are available for those provided with optional built-in PC.

Introduction to remote control

Button Icon	Introduction	
⏻	Standby/Wake up	
	Up	
	Down	
	Confirm	
	Left	
	Right	
+	Voice +	
-	Voice -	
↺	Back	
☼	Brightness Adjustment	
☰	Menu	
⌂	Main Interface	

Introduction of built-in PC (optional)	
System configuration	
CPU	Intel® Core™ I5-1240P
Memory	Dual channel DDR4,16GB(8GB*2)
Graphics card	Integrated graphics
Chipset	ADL-P
SSD	1×M.2-2280 SATAIII SSD,256GB
Ethernet	1×RJ45(10/100/1000M)
System Version	Windows10
I/O Interface	
HDMI IN	2
HDMI OUT	1
USB 3.0	2
1000M RJ45	1
PC Interface	40pin

Accessories	
Remote Control	1
Front Maintenance Tool	1
Tool kit	1
Wall-mounting Bar	1
Ceiling mounted	1 set (optional)
Stand	1 set (optional)

Packing Dimension		
Item	Dimension	Quantity
Screen Packing Dimension(wooden box)	1310×1330×930mm	1
Lower Frame And Wall-mounting Bar Packing Dimension(wooden box)	2135×562×509mm	1
Module Packing Dimension(wooden box)	1170×770×875mm	1

Note:

◆The content of this specification may be adjusted and revised in real time without prior notice to provide as accurate specification parameters as possible.

◆This product is an indoor product. It is strictly prohibited to use it in direct sunlight.

◆In order to ensure long-term and more uniform display effect, do not play fixed images for a long time.

◆For enhanced safety, it is advisable to switch off the LED display using either the designated button or the remote control before a power outage occurs.

Special Statement

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