

전자칠판 사용자 매뉴얼

USER MANUAL



CVT Interactive whiteboard
Electronics Korea

NEXO

(주)넥소

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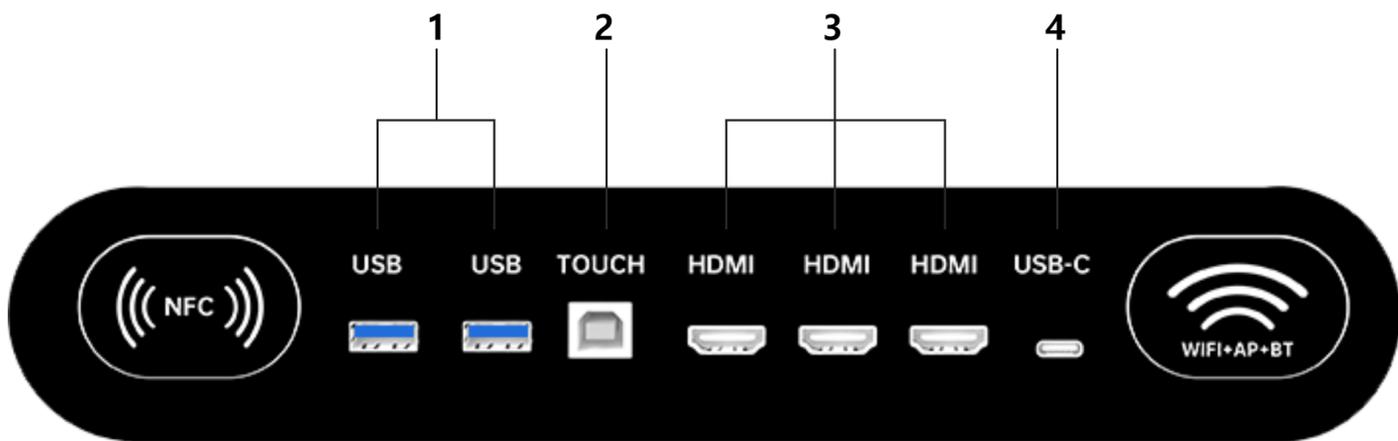
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인터페이스 및 제어판 키 소개

*전면 인터페이스, 전면 버튼 기능, 얼굴 프레임 색상, 실제 제품의 레이저 각인 텍스트 및 기호는 모델 차이로 인해 다를 수 있습니다.



1. USB

2. 터치 포트

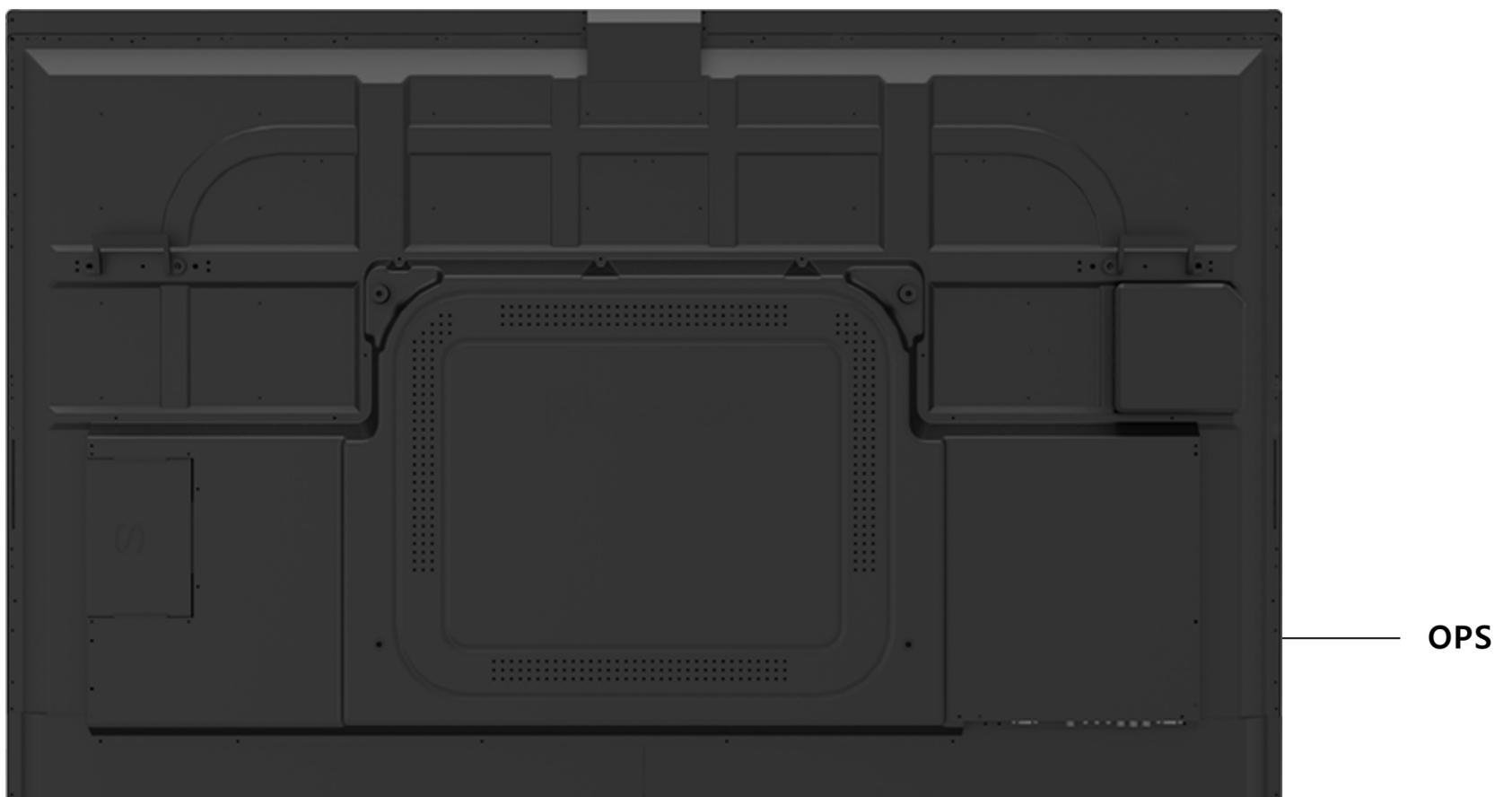
3. 영상포트

4. USB-C

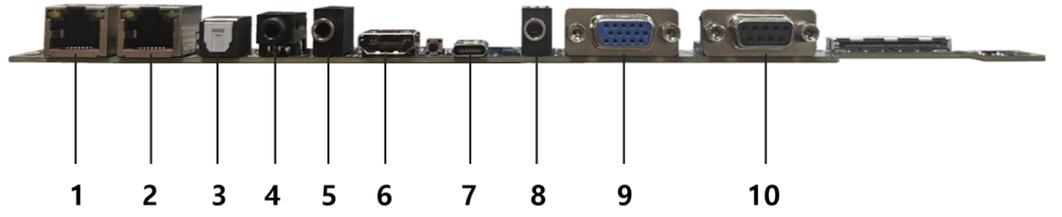
측면 인터페이스



후면 인터페이스

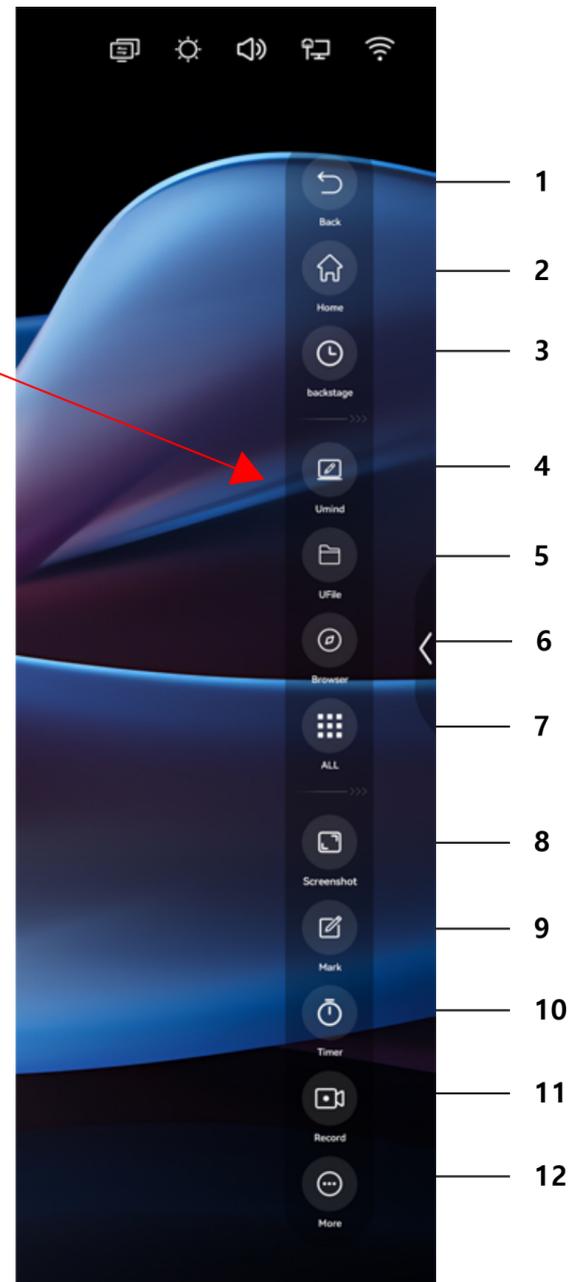


하단 인터페이스



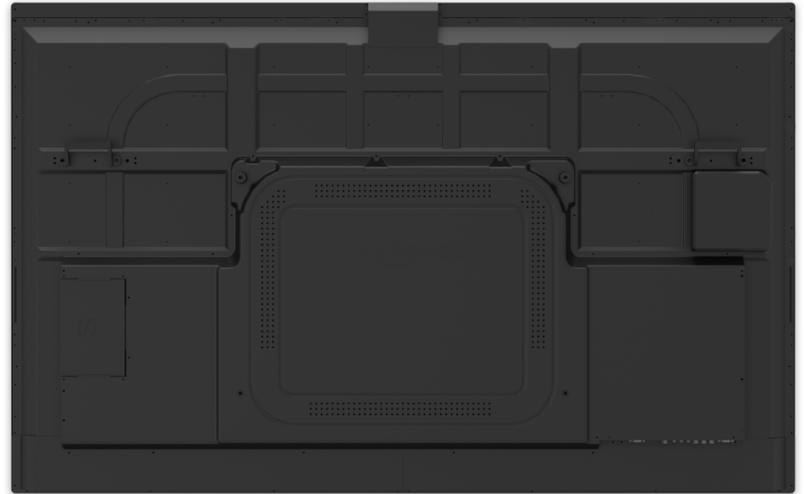
- | | |
|--------------|-----------------|
| 1. RJ45_OUT | 6. HDMI OUT |
| 2. RJ45_IN | 7. TYPE C OUT |
| 3. SPDIF OUT | 8. VGA AUDIO IN |
| 4. MIC IN | 9. VGA |
| 5. Earphone | 10. RS232 |

전자칠판 사용안내



- | | |
|--------------|-----------|
| 1. 뒤로가기 | 7. ALL |
| 2. HOME | 8. 스크린샷 |
| 3. backstage | 9. 마크 |
| 4. Umind | 10. 타이머 |
| 5. UFile | 11. 녹화 화면 |
| 6. 브라우저 | 12. 더 |

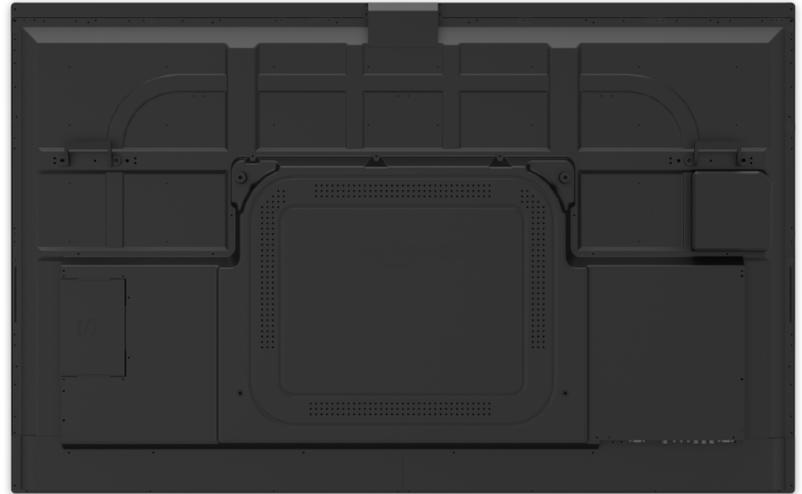
65 인치 전자칠판 상세 사양



Display specification	
Diagonal display size	65(inch)
Bezel color	Aluminum frame(White color)
Panel type	Ultra HD Direct type LED
Active area (mm)	1428.48 (H) * 803.52 (V)
Resolution	3840*2160 /60hz
Pixel Pitch	0.372mm x 0.372mm
Hardness Glass	Mohs-9 level
Glass Panel	Anti-Glare glass with zero bonding
Aspect Ratio	16:9
Contrast Ratio	1200:1 (type)
Dynamic Contrast Ratio	4000:1
Brightness	450cd/m2
Color depth	1.07 billion colors
Viewing angle	178°
Lifespan	50,000 hours
Touch Type	
Touch Technology	IR touch
Multi Touch	Max 40 points(Windows)
Multi Writing	Max 20 points(Windows)
Touch Precision	1 mm (over 90% Area)
Auto-Calibration	Yes
Anti-light	Yes
Minimum object size	2mm
Touch Response Time	First Point <2 ms, Continuation <8 ms
Supporting OS	Windows 7/8/10/11; Android; Mac; Linux; Chrome OS
Sound	
Front Speakers	15W*2 (20W*2)
Subwoofer	20W*1
Total Power Amplifiers	≦60w
Microphone (option)	
Type	Wide-area microphones
Number of Microphones	8
Auto switch (Windows/Central)	Yes
Disconnectable	Yes
camera (option)	
Number of images	4800M (AI) /6400M
Maximum resolution and frame rate	4208*3120(30fps)
FOV(field of view)	120 °
Front Side Connections	
Front Ports	Type-C * 1 line; HDMI IN * 3 line; USB 3.0 *2; Touch USB *1
Front Keys	Power on/off; Signal source; Setting; ECO; Menu; Volume down;
NFC	Volume up
Fingerprint	√
Bottom Side Connections	
RJ45 OUT	1
RJ45 IN	1
SPDIF OUT	1
MIC IN	1
Earphone	1
HDMI OUT	1
TYPE C OUT	1
VGA AUDIO IN	1
VGA	1
RS232	1

Side Connection	
HDMI IN_3	1
Touch USB_3	1
HDMI IN_2	1
Touch USB_2	1
HDMI IN_1	1
Touch USB_1	1
DP	1
TYPE C IN	1
Android USB 3.0	1
Full Source Sharing USB3.0	2
TF CARD	1
WIFI	IEEE 802.11a/b/g/n/ac/ax with 2 x2 MIMO (hotspotonly) (both 2.4 and 5 GHz bands) (wifi6)
Windows OPS Slot	80-pins OPS slot
Bluetooth version	5.2
Riotouch Central	
Android Version	Android 13.0
Chip	Rockchip RK3588
CPU	quad-core Cortex-A76 and quad-core Cortex-A55, up to 2.4GHz
GPU	Mali-G610 MC4
RAM	16GB DDR4
Flash	256GB
Compliant with	Windows; Mac; Linux; Chrome OS
Over-the-Air Updates (OTA)	YES
Light Sensor	YES
NFC Reader/Writer	YES
Temperature, humidity and air quality three-in-one sensor	YES
Fingerprint module	YES
General Information	
Power Supply	100-240 V (50/60Hz)
Switch On / Off	Yes
Standby Energy Consumption	≦ 0.5 Watt
Power Consumption	Maximun< 290W Eco<75W
Net Weight	45(KG±2)
Gross Weight	55 (KG±2)
Screen Dimensions	1470.9 *97.5* 897.5 mm(WxDxH)
Dimensions Package	1622 * 190 * 1038 mm(WxDxH)
VESA Standard	600*400(mm)
Certifications	CE: EMC + LVD / RoHS / FCC/CCC
Warranty	ONE year for the whole product and THREE years for touch parts by default. (can be extended, it's for an option)
Environmental conditions	
Operating Temperature	0°C - 40°C/32 - 100 °F
Storage Temperature	-20°C - 60°C/-4 - 140 °F
Storage Humidity	10 % - 90 %
Usage Humidity	10 % - 90 %
Accessories	
Accessories	WIFI antenna*2pcs; No ink pen * 2pcs Remote control *1pcs 1.5m power cord *1pcs, 1.5m HDMI cable *1pcs, 1.5m USB touch cable *1pcs; wall mount kit

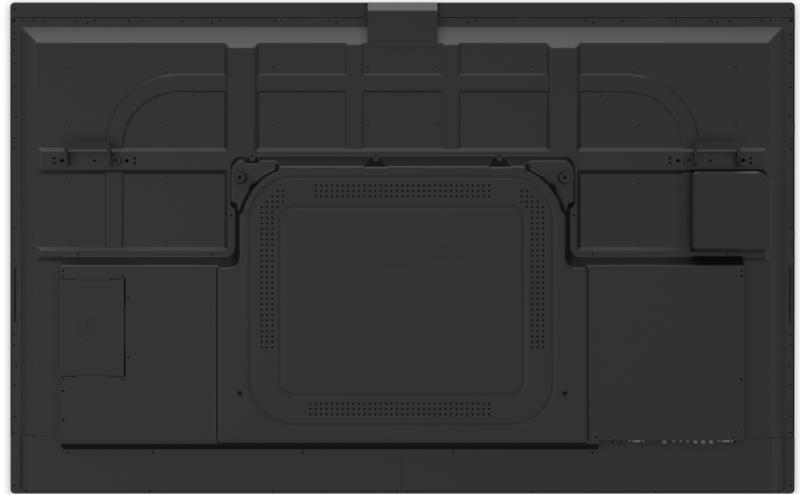
75 인치 전자칠판 상세 사양



Display specification	
Diagonal display size	75(inch)
Bezel color	Aluminum frame(White color)
Panel type	Ultra HD Direct type LED
Active area (mm)	1649.66 * 927.93(V)
Resolution	3840*2160 /60hz
Pixel Pitch	0.429 mm x 0.429 mm
Hardness Glass	Mohs-9 level
Glass Panel	Anti-Glare glass with zero bonding
Aspect Ratio	16:9
Contrast Ratio	1200:1 (type)
Dynamic Contrast Ratio	4000:1
Brightness	450cd/m2
Color depth	1.07 billion colors
Viewing angle	178°
Lifespan	50,000 hours
Touch Type	
Touch Technology	IR touch
Multi Touch	Max 40 points(Windows)
Multi Writing	Max 20 points(Windows)
Touch Precision	1 mm (over 90% Area)
Auto-Calibration	Yes
Anti-light	Yes
Minimum object size	2mm
Touch Response Time	First Point <2 ms, Continuation <8 ms
Supporting OS	Windows 7/8/10/11; Android; Mac; Linux; Chrome OS
Sound	
Front Speakers	15W*2 (20W*2)
Subwoofer	20W*1
Total Power Amplifiers	≦ 60w
Microphone (option)	
Type	Wide-area microphones
Number of Microphones	8
Auto switch (Windows/Central)	Yes
Disconnectable	Yes
camera (option)	
Number of images	4800M (AI) /6400M
Maximum resolution and frame rate	4208*3120(30fps)
FOV(field of view)	120 °
Front Side Connections	
Front Ports	Type-C * 1 line; HDMI IN * 3 line; USB 3.0 *2; Touch USB *1
Front Keys	Power on/off; Signal source; Setting; ECO; Menu; Volume down;
NFC	Volume up
Fingerprint	√
Bottom Side Connections	
RJ45 OUT	1
RJ45 IN	1
SPDIF OUT	1
MIC IN	1
Earphone	1
HDMI OUT	1
TYPE C OUT	1
VGA AUDIO IN	1
VGA	1
RS232	1

Side Connection	
HDMI IN 3	1
Touch USB 3	1
HDMI IN 2	1
Touch USB 2	1
HDMI IN 1	1
Touch USB 1	1
DP	1
TYPE C IN	1
Android USB 3.0	1
Full Source Sharing USB3.0	2
TF CARD	1
WIFI	IEEE 802.11a/b/g/n/ac/ax with 2 x2 MIMO (hotspotonly) (both 2.4 and 5 GHz bands) (wifi6)
Windows OPS Slot	80-pins OPS slot
Bluetooth version	5.2
Riotouch Central	
Android Version	Android 13.0
Chip	Rockchip RK3588
CPU	quad-core Cortex-A76 and quad-core Cortex-A55, up to 2.4GHz
GPU	Mali-G610 MC4
RAM	16GB DDR4
Flash	256GB
Compliant with	Windows; Mac; Linux; Chrome OS
Over-the-Air Updates (OTA)	YES
Light Sensor	YES
NFC Reader/Writer	YES
Temperature, humidity and air quality three-in-one sensor	YES
Fingerprint module	YES
General Information	
Power Supply	100-240 V (50/60Hz)
Switch On / Off	Yes
Standby Energy Consumption	≦ 0.5 Watt
Power Consumption	Maximum< 320W Eco<75W
Net Weight	55(KG±2)
Gross Weight	68 (KG±2)
Screen Dimensions	1692.1*97.5*1021.9 mm(WxDxH)
Dimensions Package	1842 * 190 * 1163 mm (WxDxH)
VESA Standard	600*400(mm)
Certifications	CE; EMC + LVD / RoHS / FCC/CCC
Warranty	ONE year for the whole product and THREE years for touch parts by default. (can be extended, it's for an option)
Environmental conditions	
Operating Temperature	0°C - 40°C/32 - 100 °F
Storage Temperature	-20°C - 60°C/-4 - 140 °F
Storage Humidity	10 % - 90 %
Usage Humidity	10 % - 90 %
Accessories	
Accessories	WIFI antenna*2pcs; No ink pen * 2pcs Remote control *1pcs 1.5m power cord *1pcs, 1.5m HDMI cable *1pcs, 1.5m USB touch cable *1pcs; wall mount kit

86 인치 전자칠판 상세 사양



Display specification	
Diagonal display size	86 (inch)
Bezel color	Aluminum frame(White color)
Panel type	Ultra HD Direct type LED
Active area (mm)	1895.04 * 1065.96(V)
Resolution	3840*2160 /60hz
Pixel Pitch	0.4935 mm x 0.4935 mm
Hardness Glass	Mohs-9 level
Glass Panel	Anti-Glare glass with zero bonding
Aspect Ratio	16:9
Contrast Ratio	1200:1 (type)
Dynamic Contrast Ratio	4000:1
Brightness	450cd/m2
Color depth	1.07 billion colors
Viewing angle	178°
Lifespan	50,000 hours
Touch Type	
Touch Technology	IR touch
Multi Touch	Max 40 points(Windows)
Multi Writing	Max 20 points(Windows)
Touch Precision	1 mm (over 90% Area)
Auto-Calibration	Yes
Anti-light	Yes
Minimum object size	2mm
Touch Response Time	First Point <2 ms, Continuation <8 ms
Supporting OS	Windows 7/8/10/11; Android; Mac; Linux; Chrome OS
Sound	
Front Speakers	15W*2 (20W*2)
Subwoofer	20W*1
Total Power Amplifiers	≦60w
Microphone (option)	
Type	Wide-area microphones
Number of Microphones	8
Auto switch (Windows/Central)	Yes
Disconnectable	Yes
camera (option)	
Number of images	4800M (AI) /6400M
Maximum resolution and frame rate	4208*3120(30fps)
FOV(field of view)	120 °
Front Side Connections	
Front Ports	Type-C * 1 line; HDMI IN * 3 line; USB 3.0 *2; Touch USB *1
Front Keys	Power on/off; Signal source; Setting; ECO; Menu; Volume down;
NFC	Volume up
Fingerprint	√
Bottom Side Connections	
RJ45 OUT	1
RJ45 IN	1
SPDIF OUT	1
MIC IN	1
Earphone	1
HDMI OUT	1
TYPE C OUT	1
VGA AUDIO IN	1
VGA	1
RS232	1

Side Connection	
HDMI IN 3	1
Touch USB 3	1
HDMI IN 2	1
Touch USB 2	1
HDMI IN 1	1
Touch USB 1	1
DP	1
TYPE C IN	1
Android USB 3.0	1
Full Source Sharing USB3.0	2
TF CARD	1
WIFI	IEEE 802.11a/b/g/n/ac/ax with 2 x2 MIMO (hotspotonly) (both 2.4 and 5 GHz bands) (wifi6)
Windows OPS Slot	80-pins OPS slot
Bluetooth version	5.2
Riotouch Central	
Android Version	Android 13.0
Chip	Rockchip RK3588
CPU	quad-core Cortex-A76 and quad-core Cortex-A55, up to 2.4GHz
GPU	Mali-G610 MC4
RAM	16GB DDR4
Flash	256GB
Compliant with	Windows; Mac; Linux; Chrome OS
Over-the-Air Updates (OTA)	YES
Light Sensor	YES
NFC Reader/Writer	YES
Temperature, humidity and air quality three-in-one sensor	YES
Fingerprint module	YES
General Information	
Power Supply	100-240 V (50/60Hz)
Switch On / Off	Yes
Standby Energy Consumption	≤ 0.5 Watt
Power Consumption	Maximum< 350W Eco<75W
Net Weight	70 (KG±2)
Gross Weight	85 (KG±2)
Screen Dimensions	1943.4*97.5*1166 mm(WxDxH)
Dimensions Package	2090 *190 * 1307 mm(WxDxH)
VESA Standard	800*600(mm)
Certifications	CE: EMC + LVD / RoHS / FCC/CCC
Warranty	ONE year for the whole product and THREE years for touch parts by default. (can be extended, it's for an option)
Environmental conditions	
Operating Temperature	0°C - 40°C/32 - 100 °F
Storage Temperature	-20°C - 60°C/-4 - 140 °F
Storage Humidity	10 % - 90 %
Usage Humidity	10 % - 90 %
Accessories	
Accessories	WIFI antenna*2pcs; No ink pen * 2pcs Remote control *1pcs 1.5m power cord *1pcs, 1.5m HDMI cable *1pcs, 1.5m USB touch cable *1pcs; wall mount kit