



RioTouch Technology Co., Ltd

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P-CAP Touch M Smart Blackboard

Model		M75S982EA	M86S982EA
Product picture			
Display specification			
Diagonal display size		75(inch)	86(inch)
Bezel color	Aluminum frame(Black color)	√	√
Panel type	Ultra HD Direct type LED	√	√
Active area (mm)		1649.66 * 927.93(V)	1895.04 * 1065.96(V)
Resolution	3840*2160 /60hz	√	√
Pixel Pitch		0.429 mm x 0.429 mm	0.4935 mm x 0.4935 mm
Hardness Glass	Mohs-7 level	√	√
Glass Panel	Anti-Glare glass with zero bonding	√	√
Aspect Ratio	16:9	√	√
Contrast Ratio	1200:1 (type)	√	√
Dynamic Contrast Ratio	4000:1	√	√
Brightness	350cd/m2	√	√
Color depth	1.07 billion colors	√	√
Viewing angle	178°	√	√
Lifespan	50,000 hours	√	√
Panel Interactivity			
Touch technology	P-CAP Touch	√	√
Multi touch	Max 40 points(Windows)	√	√
Multi writing	Max 20 points(Windows)	√	√
Auto-calibrate	Yes	√	√
Anti-light	Yes	√	√
Minimum object size	2mm	√	√
Accuracy	1 mm (over 90% Area)	√	√
Response Time	<8 ms	√	√
System support	Windows 7/8/10/11; Android; Mac; Linux; Chrome OS	√	√
Sound			
Speakers	2.0(2.1 option)	√	√
Front Speakers	15W*2 (20W*2 option)	√	√
Subwoofer	20W*1 option	√	√
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	1300M(800M/4800M option)	√	√
Maximum resolution and frame rate	4208*3120(30fps)	√	√
FOV(field of view)	120 °	√	√
Front Side Connections			
Front Ports	USB3.0 * 3 lines (Public for both Android & PC) ; Touch out USB B type * 1 line; HDMI in 2.0 * 1		
Front Keys	Power on/off; Signal source; Return; Main page; Menu; Volume down; Volume up		
Bottom Side Connections			
USB-B (touch)	1	√	√
LAN-Port IN	1 (RJ45, 100 Mbit/s)	√	√
YPbPr IN	1	√	√
AV IN	1	√	√
AV OUT	1	√	√
Audio IN(option)	1	√	√
VGA IN(option)	1	√	√
Earphone/Line Out	1	√	√
SPDIF OUT	1	√	√

HDMI IN	2	√	√
RS232	1 x DB9 Male	√	√
AN USB3.0	1	√	√
AN USB2.0	1	√	√
Windows OPS Slot	80-pins OPS slot	√	√
WiFi Standard	Wi-Fi 5(2.4G+5G)	√	√
Bluetooth version	5.0	√	√
Riotouch Central			
Android Version	Android 11.0 (Upgradeable Android 13.0)	√	√
Chip	Amlogic T982	√	√
CPU	High-End (Quad-Core A55) 1.9GHz	√	√
GPU	High-End (G52 MP2)	√	√
Memory	4GB 8GB DDR4	√	√
Storage	32GB 64GB 128GB	√	√
Compliant with	Windows; Mac; Linux; Chrome OS	√	√
Over-the-Air Updates (OTA)	YES	√	√
NFC Reader/Writer	option	√	√
Motion Sensors	option	√	√
Light Sensor	option	√	√
Air Quality Monitoring	option	√	√
Temperature Sensor	option	√	√
General Information			
Power Supply	~ 100-240 V (50/60Hz)	√	√
Switch On / Off	Yes	√	√
Standby Energy Consumption	≤ 0.5 Watt	√	√
Power Consumption		Maximun< 420W Eco<75W	Maximun< 500W Eco<75W
Net Weight	(KG±2)	88	88
Gross Weight	(KG±2)	99	99
Screen Dimensions	(WxDxH)	2110.3*93.2*1207mm	2110.3*93.2*1207mm
Dimensions Package	(WxDxH)	2210*222*1307 mm	2210*222*1307 mm
VESA Standard	(mm)	600*400 mm	800*600 mm
Certifications	CE: EMC + LVD / RoHS / REACH / 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 - 38°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*4pcs; 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		