



**RioTouch Technology Co., Ltd**

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**P-CAP Touch M Smart Blackboard**

Model		M75S982EA	M86S982EA
Product picture			
<b>Display specification</b>			
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	√	√
<b>Panel Interactivity</b>			
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	√	√
<b>Sound</b>			
Speakers	2.0(2.1 option)	√	√
Front Speakers	15W*2 (20W*2 option)	√	√
Subwoofer	20W*1 option	√	√
Total Power Amplifiers	≤60w	√	√
<b>Microphone (option)</b>			
Type	wide-area microphones	√	√
Number of Microphones	8	√	√
Auto switch (Windows/Central)	Yes	√	√
Disconnectable	Yes	√	√
<b>camera (option)</b>			
Number of images	1300M(800M/4800M option)	√	√
Maximum resolution and frame rate	4208*3120(30fps)	√	√
FOV(field of view)	120 °	√	√
<b>Front Side Connections</b>			
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		
<b>Bottom Side Connections</b>			
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	√	√

<b>HDMI IN</b>	2	√	√
<b>RS232</b>	1 x DB9 Male	√	√
<b>AN USB3.0</b>	1	√	√
<b>AN USB2.0</b>	1	√	√
<b>Windows OPS Slot</b>	80-pins OPS slot	√	√
<b>WiFi Standard</b>	Wi-Fi 5(2.4G+5G)	√	√
<b>Bluetooth version</b>	5.0	√	√
<b>Riotouch Central</b>			
<b>Android Version</b>	Android 11.0 (Upgradeable Android 13.0)	√	√
<b>Chip</b>	Amlogic T982	√	√
<b>CPU</b>	High-End (Quad-Core A55) 1.9GHz	√	√
<b>GPU</b>	High-End (G52 MP2)	√	√
<b>Memory</b>	4GB 8GB DDR4	√	√
<b>Storage</b>	32GB 64GB 128GB	√	√
<b>Compliant with</b>	Windows; Mac; Linux; Chrome OS	√	√
<b>Over-the-Air Updates (OTA)</b>	YES	√	√
<b>NFC Reader/Writer</b>	option	√	√
<b>Motion Sensors</b>	option	√	√
<b>Light Sensor</b>	option	√	√
<b>Air Quality Monitoring</b>	option	√	√
<b>Temperature Sensor</b>	option	√	√
<b>General Information</b>			
<b>Power Supply</b>	~ 100-240 V (50/60Hz)	√	√
<b>Switch On / Off</b>	Yes	√	√
<b>Standby Energy Consumption</b>	≤ 0.5 Watt	√	√
<b>Power Consumption</b>		Maximun< 420W Eco<75W	Maximun< 500W Eco<75W
<b>Net Weight</b>	(KG±2)	88	88
<b>Gross Weight</b>	(KG±2)	99	99
<b>Screen Dimensions</b>	(WxDxH)	2110.3*93.2*1207mm	2110.3*93.2*1207mm
<b>Dimensions Package</b>	(WxDxH)	2210*222*1307 mm	2210*222*1307 mm
<b>VESA Standard</b>	(mm)	600*400 mm	800*600 mm
<b>Certifications</b>	CE: EMC + LVD / RoHS / REACH / FCC/CCC	√	√
<b>Warranty</b>	ONE year for the whole product and THREE years for touch parts by default. (can be extended, it's for an option)	√	√
<b>Environmental conditions</b>			
<b>Operating Temperature</b>	0°C - 38°C/32 - 100 °F	√	√
<b>Storage Temperature</b>	-20°C - 60°C/-4 - 140 °F	√	√
<b>Storage Humidity</b>	10 % - 90 %	√	√
<b>Usage Humidity</b>	10 % - 90 %	√	√
<b>Accessories</b>			
<b>Accessories</b>	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		