

IR Touch Interactive Flat Panel Display

Model		LT65S98+	LT75S98+	LT86S98+
Product picture				
Display specification				
Diagonal display size		65(inch)	75(inch)	86(inch)
Bezel color	Aluminum frame (Black color)	√	√	√
Panel type	IPS, Direct LED(D-LED)	√	√	√
Active area (mm)		1428.48 (H) * 803.52 (V)	1649.66 * 927.93(V)	1895.04 * 1065.96(V)
Resolution	Ultra HD 3840*2160 at 60Hz	√	√	√
Pixel Pitch		0.372mm x 0.372mm	0.429 mm x 0.429 mm	0.4935 mm x 0.4935 mm
Tempered Glass	Mohs-7 level	√	√	√
Glass Panel	Anti-Glare glass with zero bonding	√	√	√
Aspect Ratio	16:9	√	√	√
Contrast Ratio	4000:1/5000:1 at 60Hz	√	√	√
Brightness	400/450 cd/m2	√	√	√
Color depth	1.07 billion colors	√	√	√
Viewing angle	178°	√	√	√
Lifespan	50,000 hours	√	√	√
Touch Type				
Touch Technology	IR touch	√	√	√
Multi Touch IR points	40(Windows) / 20(Android)	√	√	√
Touch Precision	1 mm (over 90% Area)	√	√	√
Auto-Calibration	Yes	√	√	√
Anti-light	Yes	√	√	√
Minimum object size	1,3mm	√	√	√
Touch Response Time	First Point <2 ms, Continuation <8 ms	√	√	√
Supporting OS	Windows 7/8/10/11; Android 13,0; Mac; Linux; Chrome OS	√	√	√
Data insert method	Pen, Hand	√	√	√
Sound				
Speakers	2.0(2.1 option)	√	√	√
Front Speakers	16W*2 (20W*2 option)	√	√	√
Subwoofer	20W*1 option	√	√	√
Total Power Amplifiers	≅ 60w	√	√	√
Microphone (option)				
Type	8m. wide-area microphones	√	√	√
Number of Microphones	8	√	√	√
Auto switch (Windows/Central)	Yes	√	√	√
Disconnectable	Yes	√	√	√
camera (option)				
Number of images	13Mp (8Mp/48Mp option)	√	√	√
Maximum resolution and frame rate	4208*3120(30fps)	√	√	√
FOV(field of view)	120 °	√	√	√
Front Side Connections				
Front Ports	USB3.0 Type A* 3 lines (Public for both Android & PC) ; Touch out USB B type * 1 line; HDMI in * 1; HDMI out *			
Front Keys	Power on/off; Signal source; Return; Main page; Menu; Volume down; Volume up			
Bottom Side Connections				
USB 2,0-B (touch)	2	√	√	√
RJ45 LAN-Port IN	1 (RJ45, 100/1000 Mbit/s)	√	√	√
YPbPr IN	1	√	√	√
AV IN	1	√	√	√
AV OUT	1	√	√	√
VGA IN	1	√	√	√
AUDIO IN 3,5mm	1	√	√	√
AUDIO OUT 3,5mm	1	√	√	√
SPDIF OUT	1	√	√	√

HDMI IN	3	√	√	√
RS232	1 x DB9 Male	√	√	√
USB 3.0	3	√	√	√
USB 3.2 Type C	1	√	√	√
USB2.0	1	√	√	√
Windows OPS Slot	80-pins OPS slot	√	√	√
Acces Point	Yes	√	√	√
WiFi Standard	Wi-Fi 6+ (2.4G+5G)	√	√	√
Bluetooth version	5,0	√	√	√
Riotouch Central				
Android Version	Android 13.0	√	√	√
Chip	Amlogic T982	√	√	√
CPU	Quad-core A55 1.9GHz	√	√	√
GPU	Quad-core Mali G52 MP2	√	√	√
Memory	4GB 8GB DDR4	√	√	√
Storage	32GB 64GB 128GB	√	√	√
Compliant with	Windows; Mac; Linux; Chrome OS	√	√	√
Applications	Whiteboard, Web browser, Sharescreen, Mirror software	√	√	√
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< 290W Eco<75W	Maximun< 420W Eco<75W	Maximun< 500W Eco<75W
Net Weight	(KG±2)	40	51	65
Gross Weight	(KG±2)	50	63	80
Screen Dimensions	(WxDxH)	1470.9 *97.5* 897.5 mm	1692.1 *97.5*1021.9 mm	1943.4*97.5*1166 mm
Dimensions Package	(WxDxH)	1622 * 222 * 1044 mm	1842 * 222 * 1166 mm	2090 *222 * 1307 mm
VESA Standard	(mm)	600*400 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; magnet stylus * 2pcs, Remote control *1pcs, 1.5m power cord *1pcs, 1.5m HDMI cable *1pcs, 1.5m USB touch cable *1pcs; wall mount kit *1pcs			
Software				
Ufile	1. Document Classification; 2. Multiple sorting methods; 3. Multiple layouts; 4. Quick share/Google account login/One Drive login; 5. Quickly search for files;			
Upicture/Uplay	Support multiple pictures/videos to play and flip in turn: : JPEG, BMP, PNG, MPEG1, MPEG2, MPEG4, H.263,H.263,H.264,HEVC/H.265;			
Upicture/Uvidoe show	Supports timing and playback of multiple pictures/videos, and can add logos and text to pictures			
UVip	Signature Wall			
Umind	1. Text recognition, 2. graphic recognition, 3. intelligent switching of uppercase and lowercase fonts, text color change, browser search, 4. extracting text from images ; 5. Support inserting broswer/youtube/Bing picture ; 6. Rich teaching			
Phet	Free tests, science and math simulations, for teaching STEM topics, including library of physics, chemistry, biology, and math			
DMS	1. Basic Control: Shutdown, Restart, WakeOnLAN, Resting Screen, BrightScreen, Factory; 2. Reset Lock, Unlock, ChildLock, Screenshot 2. Send Message, Send Warning Sound Alert; 3. Upgrade Management: Touch test, Camera testing, microphone testing; 4. System Setting Control: Adjust backlight, volume, change signalsource, language, power-on channel, IPF on/off time; 5. Open/close LAN and Wifi; 6. Customs Command Setting; 7. File Management: Upload video, audio, image, intall package; intall APP remotely; 8. Management and set Workflow			

Cloud

Account management; DMS; Group management; Firmware management; Resources: online design courseware & online edit 3D resources; Remote hardware control with setting of times to start and stop the display; Update and installation of applications; manage and broadcast content including playlists, video, photos and music; Device certificate management

Remote Desktop: broadcast of emergency/emergency messages; remote control of devices; redefining preferences to profiles