



## Dong Guan RioTouch Technology Co., Ltd

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### IR Touch Interactive Flat Panel Display Datasheet

Model	LT75	
Product picture		
<b>Display specification</b>		
Diagonal display size		75(inch)
Bezel color	Aluminum frame(Black color)	√
Panel type	Ultra HD Direct type LED	√
Panel Brand	BOE/CSOT/LG	√
Active area (mm)		1649.66 * 927.93(V)
Resolution	3840*2160 /60hz	√
Pixel Pitch		0.429 mm x 0.429 mm
Hardness Glass	Mohs-7 level 3.2mm, hydrophobic (resistant to moisture and water), resistant to impacts and scratches, and antimicrobial	√
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>Touch Type</b>		
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	√
<b>Sound</b>		
Speakers	2	√
Front Speakers	20W*2	√
<b>Front Side Connections</b>		
Front Ports	USB3.0 * 2 lines (Public for both Android & PC) ; Touch out USB B type * 1 line; HDMI IN * 1 line; USB-C * 1 line	
Front Keys	One Button (3 In One, On/Off, Eco)	
<b>Bottom Side Connections</b>		
HDMI IN	1	√
DP	1	√
USB2.0(android)	2	√
TOUCH Out USB-B 2.0	1	√
RS232(Touch Input)	1	√
(COAX)SPDIF	1	√
LINE OUT	1	√
AV IN (stereo mini jack)	1	√
RJ45	1	√
<b>Riotouch Central</b>		
Android Version	Android 14.0	√
CPU	ARM Cortex-A55x4 @ 1.8GHz	√

<b>GPU</b>	G52 MP2 (2EE)	√
<b>Memory</b>	4GB	√
<b>Storage</b>	32GB	√
<b>Compliant with</b>	Windows; Mac; Linux; Chrome OS	√
<b>Over-the-Air Updates (OTA)</b>	YES	√
<b>Light Sensor</b>	Yes	√
<b>Software</b>		
<b>Built In software</b>	Document Viewer, Video Player, Web Browser, Workspace, (RDP /VNC, Office365, VMWare)	
<b>Wireless Screen Sharing Software</b>	Transcreen with license, allow more than 4 devices to share the screen at the same time,enable writing/drawing and real-time collaboration via the touchscreen, and also allow easy integration with third-party devices such as laptops, tablets, phones, and similar. It enables the interface between the user and the device via touchscreen, with screen splitting and support for up to 4 devices simultaneously	
<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< 260W Eco<75W
<b>Net Weight</b>	(KG±2)	50KG ±1.5 Kg
<b>Gross Weight</b>	(KG±2)	60KG ±1.5 Kg
<b>Screen Dimensions</b>	(WxDxH)	1707.2 (L) *101.4 (W) *1012.7 (H) mm
<b>Dimensions Package</b>	(WxDxH)	1810 (L) *205 (W) *1150 (H) mm
<b>VESA Standard</b>	(mm)	600*400 mm
<b>Warranty</b>	1 Year	√
<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>	Stylus pen * 2pcs, Remote control *1pc, Power Cable *1pc, wall mount kit, Warranty Card	