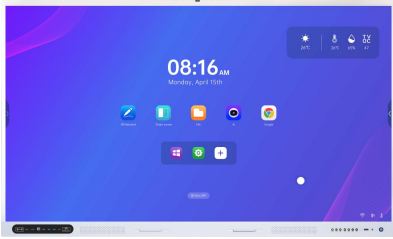


IR Touch Interactive Flat Panel Display Datasheet

Model		LT65RK3588	LT75RK3588	LT86RK3588
Product picture	 			
Display specification				
Diagonal display size		65(inch)	75(inch)	86(inch)
Bezel color	Aluminum frame(White color)	√	√	√
Panel type	Ultra HD Direct type LED	√	√	√
Active area (mm)		1428.48 (H) * 803.52 (V)	1649.66 * 927.93(V)	1895.04 * 1065.96(V)
Resolution	3840*2160 /60hz	√	√	√
Pixel Pitch		0.372mm x 0.372mm	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	over 400cd/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				
Speakers	2.1	√	√	√
Front Speakers	15W*2 (20W*2)	√	√	√
Subwoofer	20W*1	√	√	√
Total Power Amplifiers	≦ 60w	√	√	√
Microphone				
Type	Wide-area microphones	√	√	√
Number of Microphones	8	√	√	√
Auto switch (Windows/Central)	Yes	√	√	√
Disconnectable	Yes	√	√	√
Camera				
Number of images	48MP(Megapixel)	√	√	√
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; USB3.0*2; USB-B*1			
Front Keys	Power on/off; Signal source; Setting; ECO; Menu; Volume down; Volume up			
NFC	√			
Fingerprint	√			
Bottom Side Connections				
Earphone	1	√	√	√
MIC IN	1	√	√	√
SPDIF OUT	1	√	√	√
RS232	1	√	√	√
Touch USB (USB B)	2	√	√	√
HDMI IN	1	√	√	√
HDMI OUT	1	√	√	√

RJ45	1	√	√	√
TYPE C OUT	1	√	√	√
Android USB2.0	1	√	√	√
Android USB3.0	1	√	√	√
TF CARD	1	√	√	√
WIFI	WIFI5+WIFI6+AP	√	√	√
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	Maximun< 320W Eco<75W	Maximun< 350W Eco<75W
Net Weight	(KG±2)	45	55	70
Gross Weight	(KG±2)	55	68	85
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 * 190 * 1038 mm	1842 * 190 * 1163 mm	2090 *190 * 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℃ - 40℃/32 - 100 °F	√	√	√
Storage Temperature	-20℃ - 60℃/-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			