

IR Touch Interactive Flat Panel Display

Model	LT86RK3588
Product picture	
Display specification	
Diagonal display size	86 (inch)
Bezel color	Aluminum frame (White color)
Panel type	Direct type LED
Active area (mm)	1895.04 (H)*1065.96(V)
Resolution	3840*2160 (UHD)/60Hz
Pixel Pitch	0.4935 mm x 0.4935 mm
Hardness Glass	Mohs-7 level
Glass Panel	4mm anti-glare tempered glass with zero bonding
Aspect Ratio	16:9
Contrast Ratio	4000:1 (type)
Brightness	350cd/m2
Color depth	1.07 billion colors
Viewing angle	178°
Color gamut	95% NTSC
Lifespan	50,000 hours
Touch Type	
Touch Technology	IR touch
Multi Touch	Max 40 points
Multi Writing	Max 20 points
Touch Precision	1 mm (over 90% Area)
Auto-Calibration	Yes
Anti-light	Yes
Minimum object size	2mm
Touch deviation	±2mm (Windows)
Touch Response Time	First Point <2 ms, Continuation <8 ms
Working Voltage	USB2.0 5.0V
Touch frame resolution	32768 x32768
Number of touches	Over 60 million times in the same location
Supporting OS	Windows 7/8/10/11; Android; Mac; Linux; Chrome OS
Sound	
Front Speakers	15W*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	48M (AI)
Maximum resolution and frame rate	4208*3120(30fps)
FOV(field of view)	120 °
Front Side Connections	
Front Ports	Type-C * 1; HDMI 2.0 IN *1; USB 3.0 *3; USB-B (Touch) *1
Front Keys	Power; Signal source; Setting; ECO; Menu; Volume down; Volume up
NFC	Yes

Fingerprint	Yes
Rear Side Connections	
RJ45 OUT	1
RJ45 IN	1
SPDIF OUT	1
MIC IN	1
EARPHONE	1
HDMI OUT	1
TYPE C OUT	1
AUDIO IN	1
VGA	1
RS232	1
HDMI 2.0 IN	3
TOUCH USB	3
DP IN	1
TYPE-C IN	1
USB 3.0 (Android)	1
USB 3.0 (Public)	2
TF CARD	1
WIFI	Wifi 6 (IEEE 802.11a/b/g/n/ac/ax with 2 x2 MIMO, both 2.4 and 5 GHz bands)
Windows OPS Slot	80-pins OPS slot
Bluetooth version	5.2
Riotouch Central	
Android Version	Android 15.0
Chip	Rockchip RK3588
CPU	Quad-core Cortex-A76 and quad-core Cortex-A55, up to 2.4GHz
GPU	Mali-G610 MC4
RAM	8GB DDR4
Flash	128GB
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	AC 100-240 V, 50/60Hz
Switch On / Off	Yes
Standby Energy Consumption	≤ 0.5 Watt
Power Consumption	Maximun< 350W, Eco<75W
Net Weight	70 (KG±2)
Gross Weight	85 (KG±2)
Screen Dimensions (WxDxH)	1943.4*97.5*1166 mm
Dimensions Package (WxDxH)	2090 *190 * 1307 mm
VESA Standard	800*600 mm
Certifications	CE: EMC + LVD / RoHS / FCC/CCC
Environmental conditions	
Operating Temperature	0°C - 40°C
Storage Temperature	-20°C - 60°C
Storage Humidity	10 % - 90 %
Usage Humidity	10 % - 90 %
Accessories	
Accessories	WIFI antenna*2pcs; No ink pen * 2pcs, Teaching pen x1, Remote control *1pcs, 1.5m power cord *1pcs, 5m HDMI cable *1pcs, 5m USB touch cable *1pcs; wall mount kit