


**IR Touch Interactive Flat Panel Display**

Brand	RIOTOUCH	
Model	LTKC86RK3588	
Product picture		
Display specification		
Diagonal display size		86(inch)
Bezel color	Aluminum frame(White color)	√
Panel type	Ultra HD Direct type LED	√
Active area (mm)		1895.04 * 1065.96(V)
Resolution	4K UHD (3840*2160 /60hz)	√
Pixel Pitch		0.4935 mm x 0.4935 mm
Hardness Glass	Mohs-9 level - thickness ≥3.2 mm	√
Glass Panel	Anti-Glare glass with zero bonding;anti-reflective and anti-fingerprint tempered glass	√
Aspect Ratio	16:9	√
Contrast Ratio	1200:1 (type)	√
Dynamic Contrast Ratio	4000:1	√
Brightness	more than 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&Android)	√
Multi Writing	Max 20 points(Windows&Android)	√
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		
Front Speakers	15W*2 (20W*2 )	√
Subwoofer	20W*1	√
Total Power Amplifiers	≦60w	√
Microphone (option)		
Type	Wide-area microphones	√
Number of Microphones	8	√
Range	≥5m range, with noise reduction	√
Auto switch (Windows/Central)	Yes	√
Disconnectable	Yes	√
Build-in camera		
Resolution	8K - 7680x4320	√
Viewing angle	122° diagonal / 105° horizontal / 88° vertical	√
Capture distance	up to 10 m	√
Capture speed	5 fps	√
Compatibility	Fully compatible with Android EDLA and AI features	√
Location	Integrated into the top frame of the display, no additional mounting required	√
Front Side Connections		
Front Ports	Type-C * 1 line; HDMI IN * 1 line; USB3.0*2;USB2.0*1; USB-B*1	
Front Keys	Power on/off; Signal source; Setting; ECO; Menu; Volume down;	
NFC	√	
Fingerprint	√	
Bottom Side Connections		
RJ45 OUT	1	√

RJ45_IN	1	√
SPDIF OUT	1	√
MIC IN	1	√
Earphone	1	√
HDMI OUT	1	√
TYPE C OUT	1	√
VGA AUDIO IN	1	√
VGA	1	√
RS232	1	√
Side Connection		
HDMI IN_3	1	√
Touch USB_3	1	√
HDMI IN_2	1	√
Touch USB_2	1	√
HDMI IN_1	1	√
Touch USB_1	1	√
DP	1	√
TYPE_C IN	1	√
Android USB 3.0	1	√
Full Source Sharing USB3.0	2	√
TF CARD	1	√
WIFI	IEEE 802.11a/b/g/n/ac/ax with 2 x2 MIMO (hotspotonly) (both 2.4 and 5 GHz bands) (wifi6)	√
Windows OPS Slot	80-pins OPS slot	√
Bluetooth version	5.2	√
Riotouch Central		
Android Version	Android 13.0 with EDLA	√
Chip	Rockchip RK3588	√
CPU	quad-core Cortex-A76 and quad-core Cortex-A55, up to 2.4GHz	√
GPU	Mali-G610 MC4	√
NPU	6T	√
RAM	32GB DDR4	√
Flash	256GB	√
Compliant with	Windows; Mac; Linux; Android; 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< 350W Eco<75W
Net Weight	(KG±2)	70
Gross Weight	(KG±2)	85
Screen Dimensions	(WxDxH)	1943.4*97.5*1166 mm
Dimensions Package	(WxDxH)	2090 *190 * 1307 mm
VESA Standard	(mm)	800*600 mm
Certifications	CE: EMC + LVD / RoHS / FCC/CCC / Energy Star	√
Warranty	THREE years	√
Environmental conditions		
Operating Temperature	0°C - 40°C/32 - 100 °F	√
Storage Temperature	-20°C - 60°C/-4 - 140 °F	√
Storage Humidity	10 % - 90 %	√
Usage Humidity	10 % - 90 %	√
Accessories		

<b>Accessories</b>	WIFI antenna*2pcs; No ink Active pen * 2pcs (precise and distinct writing), Remote control *1pcs, 3m power cord *1pcs, 3m HDMI cable *1pcs, 3m USB touch cable *1pcs; 3m VGA and 3m Type-C cable wall mount kit; Mobilestand (800mm*600mm, Bearing: 180kg)
<b>Smart features</b>	
<ul style="list-style-type: none"> <li>* Screen recording up to 4K</li> <li>* Simultaneous presentation on multiple devices</li> <li>* AI tools: drawing, searching, generating quizzes</li> <li>* Linking with Google accounts, integration with Chrome and YouTube</li> <li>* Remote management software: update, lock, install apps, etc. <ul style="list-style-type: none"> <li>* Free perpetual license</li> </ul> </li> <li>* Cloud usage statistics, no local installation</li> <li>* Wireless transmission (casting) between screens - Eshare <ul style="list-style-type: none"> <li>* Perpetual license</li> </ul> </li> </ul>	
<b>Cloud</b>	
<ul style="list-style-type: none"> <li>* Offers the option to personalize each user and securely access your accounts and files in the cloud.</li> <li>* Allow secure and accessible cloud storage (Google Drive, OneDrive.) to be linked to download documents and multimedia files, optimizing accessibility and collaboration.</li> </ul>	
<b>Wireless transmission</b>	
<ul style="list-style-type: none"> <li>* It allows for wireless connection of various devices without the need for additional hardware, facilitating projection and collaboration on the interactive display. Connect via Eshare software.</li> <li>* Wireless connection of a Windows or Mac device that will allow you to use it wirelessly and tactilely</li> </ul>	