

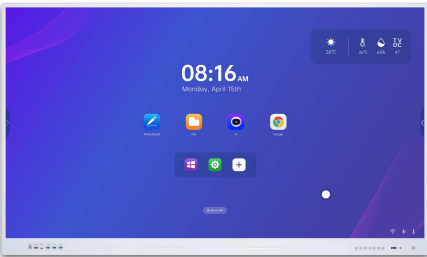


Dong Guan RioTouch Technology Co., Ltd

Room 205, No. 393, Chang'an Section, Tai'an Road, Chang'an Town, Dongguan City, Guangdong Province

Web: www.RioTouch.com

IR Touch Interactive Flat Panel Display Datasheet

Model	LT86	
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	3840*2160 /60hz	√
Pixel Pitch		0.4935 mm x 0.4935 mm
Display Response Time	6ms	
Hardness Glass	Mohs-7 level	√
Glass Panel	Anti-Glare and Anti Glare, Anti-Fingerprint glass with zero bonding	√
Aspect Ratio	16:9	√
Contrast Ratio	1200:1 (type)	√
Dynamic Contrast Ratio	5000:1	√
Brightness	400cd/m2	√
Color depth	1.07G colors	√
Viewing angle	178°	√
Lifespan	50,000 hours	√
Touch Type		
Touch Technology	IR touch	√
Touch Points	Upto 50 points	√
Touch Precision	1 mm (over 90% Area)	√
Auto-Calibration	Yes	√
Anti-light	Yes	√
Minimum object size	2mm	√
Touch Response Time	≤ 5ms	√
Supporting OS	Windows 7/8/10/11; Android; Mac; Linux; Chrome OS	√
Sound		
Front Speakers	25W*2	√
Subwoofer	20W*1	√
Front Side Connections		
Front Ports	Type-C * 1 line; HDMI IN * 1 line; USB3.0*3; USB-B*1	
Front Keys	Power on/off; Signal source; Setting; ECO; Menu; Volume down; Volume up	
NFC		√
Fingerprint		√
Bottom Side Connections		
RJ45 OUT	1	√
RJ45 IN	1	√
SPDIF OUT	1	√
MIC IN	1	√
Audio (Line OUT)	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	√
USB3.0	2	√
SD/SDHC (Micro SD) card slot	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 15.0	√
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< 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	√
Warranty	12 Months	√
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		
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	