



RioTouch Technology Co., Ltd

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

IR Touch Interactive Flat Panel Display

Model	LT105RK
Product picture	
Display specification	
Diagonal display size	105 (inch)
Bezel color	Aluminum frame(Black color)
Panel type	Ultra HD Direct type LED
Active area (mm)	2449.92(H)*1033.56(V)
Resolution	5120*2160
Hardness Glass	Mohs-7 level
Glass Panel	Anti-Glare glass with zero bonding
Aspect Ratio	21:9
Contrast Ratio	1200:1 (type)
Dynamic Contrast Ratio	4000:1
Brightness	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
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
Subwoofer	20W*1
Total Power Amplifiers	≤50w
Microphone	
Type	Wide-area microphones
Number of Microphones	8
Auto switch (Windows/Central)	Yes
Disconnectable	Yes
Camera	
Number of images	48 MP
Maximum resolution and frame rate	4208*3120 (30fps)
FOV(field of view)	120 °
Front Side Connections	
Front Ports	Type-C *1; HDMI in *3; USB-A 3.0 *2; USB-B*1
Front Keys	Power on/off/Fingerprint; Signal source; Return; Main page; Menu; Volume down; Volume up
Rear Keys (OPS)	Power button; Restore button
Bottom Side Connections	
RJ45_IN	1

RJ45_OUT	1
SPDIF OUT	1
MIC IN	1
EARPHONE/ LINE OUT	2
TYPE C OUT	1
AUDIO IN	1
VGA	1
RS232	1
HDMI IN	3
Touch USB (HDMI)	3
HDMI OUT	2
DP IN	1
DP OUT	1
TYPE_C IN	1
Android USB-A 3.0	1
USB-A 3.0 (Full Source Sharing)	1
USB-A 3.0	6
TF CARD	1
WIFI	Wifi 6 (IEEE 802.11a/b/g/n/ac/ax with 2 x2 MIMo (hotspotonly) (both 2.4 and 5 GHz bands)
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
Memory	16GB 32 GB DDR4
Storage	128GB 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
OPS integration	
CPU	I7-13650HX 2.4GHz- 4.9GHz, 14 cores 20 threads
GPU	Intel UHD Graphics
Resolution	4K (3840x2160@60Hz)
Ram	16GB
SSD	512 GB (Expansion slots: 2*M.2 2280 supports NVMe and SATA dual protocol; 1*2.5" SATA HDD/SDD)
Operating system	Windows 11
General Information	
Power Supply	~ 100-240 V (50/60Hz)
Switch On / Off	Yes
Standby Energy Consumption	< 0.5 Watt
Power Consumption	Maximun< 460W, Eco<75W
Net Weight	140KG
Gross Weight	150KG
Screen Dimensions	2505*97.5*1085mm
Dimensions Package	2667x222x1305mm
VESA Standard	1195*220mm 630*47.5mm
Certifications	CE: EMC + LVD / RoHS / REACH / FCC/CCC
Warranty	24 months (36 months for touch part)
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*5pcs; 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