

IR Touch Interactive Flat Panel Display

Model	LT100
Product picture	
Display specification	
Diagonal display size	100 inch
Bezel color	Aluminum frame (Black color)
Panel type	Ultra HD Direct type LED
Active area (mm)	2214.2(H)*1245.5(V)
Resolution	3840*2160 /60hz
Pixel Pitch	0.5622*0.5622mm
Hardness Glass	Mohs-7 level
Glass Panel	Anti-Glare glass with zero bonding
Aspect Ratio	16:9
Contrast Ratio	1200:1
Dynamic Contrast Ratio	4000:1
Brightness	350cd/m2
Color depth	1.07 billion colors
Viewing angle	178°
Lifespan	≥ 55,000 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<2ms, Continuation<8ms
Supporting OS	Windows 7/8/10/11; Android; Mac; Linux; Chrome OS
Camera	
Number of images	4800M
Maximum resolution and frame rate	4208*3120 (30fps)
FOV (field of view)	120
Microphone	
Type	wide-area microphones
Number of Microphones	8
Auto switch (Windows/Central)	Yes
Disconnectable	Yes
Sound	
Speakers	2
Front Speakers	15W*2
Front Side Connections	
Front Ports	USB-A 3.0 * 3 (Public); USB-B (Touch) * 1; HDMI in 2.0 * 1 ; USB-C (full function) *1
Front Keys	Power on/off; Signal source; Return (Eco); Main page; Menu; Volume down; Volume up
Bottom Side Connections	
TF Card	1
Earphone/ Line out	1
Public USB-A 3.0	4
OTG USB-A 2.0	1
LAN-Port IN	1 (RJ45, 100 Mbit/s)
SPDIF Out	1
HDMI in	2

USB-B (touch)	2
HDMI out	1
DP in	1
VGA IN	1
Audio in	1
USB-C	1
Windows OPS Slot	80-pins OPS slot
WiFi Standard	Wi-Fi 5 (2.4G+5G)
Bluetooth version	5.0
Riotouch Central	
Android Version	Android 13
Chip	Amlogic A311D2
CPU	High-End (Quad-Core A73 + Quad-Core A53) 2.28GHz
GPU	High-End (Octa-core Mali G52)
Memory	8GB DDR4
Storage	128GB
Compliant with	Windows; Mac; Linux; Chrome OS
Over-the-Air Updates (OTA)	YES
OPS integration	
CPU	I5-1135G7 2.4GHz- 4.2GHz , 4 cores 8 threads
GPU	Intel Iris Xe Graphics
Resolution	4K (3849x2160@60Hz)
Ram	16 GB
SSD	512 GB (With expansion slot: 1 x M.2 slot with MiniPCIE SSD support NEME protocol and Msata protocol (located on the back of the PCB))
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< 650W, Eco<75W
Net Weight	110 (KG±2)
Gross Weight	120 (KG±2)
Screen Dimensions	2280*97.5*1260.5mm
Dimensions Package	2320*222*1320mm
VESA Standard	800*600(mm)
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	No ink pen * 2pcs, Remote control *1pc, 1.5m power cord *1pc, 1.5m HDMI cable *1pc, 1.5m USB touch cable *1pc; wall mount kit