



Dong Guan RioTouch Technology Co., Ltd

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IR Touch Interactive Flat Panel Display

Model	LT86
Picture	
Display	
Diagonal display size	86 (inch)
Bezel color	Aluminum frame, white (black is optional)
Panel type	Ultra-high-definition direct-lit LED
Active area (mm)	1895.04 * 1065.96(V)
Resolution	3840*2160 /60hz
Pixel Pitch	0.4935 mm x 0.4935 mm
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	≥50,000 hours
Touch	
Touch technology	IR touch
Multi-touch	Max 40 points (Windows)
Touch accuracy	1 mm
Automatic calibration	YES
Sun protection	YES
Minimum recognition point diameter	2mm
Touch Response Time	First Point <2 ms, Continuation <8 ms
Support for operating systems	Windows 7/8/10/11; Android; Mac; Linux; Chrome OS
Sound	
Front speaker	15W*2
Total power of the speaker	≤60w
MIC	
Microphone type	Wide-area microphones
Number of digital microphones	8
Automatic switching (OPS, Android)	YES
Camera	
Image sensor	48M
Maximum resolution Camera shot	4208*3120 (30fps)
FOV(field of view)	120°
Front-end port	
Ports	Type-C *1; HDMI in 2.0 *1; USB-A 3.0 *3 (Public for both Android & PC); Touch USB-B*1
Bottom	Power on/off; Signal source; ECO (Return); Main page; Menu; Volume down; Volume up
Posterior port	
HDMI OUT	1
RJ45 (LAN IN)	1
RJ45 (LAN OUT)	1
AV IN	1
YPBPR	1
MIC IN	1
EARPHONE/ LINE OUT	1
Touch USB (HDMI)	1

AUDIO IN	1
VGA IN	1
SPDIF OUT	1
HDMI IN	2
DP IN	1
Public USB-A 3.0	1
USB 2.0	1
TF CARD	1
WIFI	WIFI5+WIFI6
BT	5.3
Motherboard configuration	
Android	14
Chip	GK6780V100
CPU	8*A55,1.5GHZ
GPU	Mali-G52 MP2(2EE)
NPU	5T
RAM	8G
Flash	64G
Support operating system	Windows; Mac; Linux; Chrome OS
Remote upgrade	YES
Light sensor	YES
OPS integration	
CPU	I7-13650HX 2.4GHz- 4.9GHz, 14 cores 20 threads
GPU	Intel UHD Graphics
Resolution	4K (3840x2160@60Hz)
Ram	16 GB
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
Appearance and overall power parameters	
Power supply	~ 100-240 V (50/60Hz)
Standby power consumption	< 0.5 Watt
Power Consumption	Maximun< 500W, Eco<75W
Net Weight	70 (KG±2)
Gross Weight	85 (KG±2)
Screen Dimensions	1953*102*1164 mm
Dimensions Package	2055*168*1272mm
VESA Standard	600*800 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	WIFI antenna*4pcs; 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