

Interactive Flat Panel

4K UHD Infrared Touch Display · Product Datasheet



■ DISPLAY

Effective Display Area	1650.24 (H) × 928.26 (V) mm
Resolution	3840 × 2160 (4K UHD)
Brightness	> 320 cd/m ²
Brightness Uniformity	> 75%
Color Gamut	72% NTSC
Contrast Ratio	4000:1
Viewing Angle	178° (H) / 178° (V)
Working Life	> 60,000 hours
Screen Protection	4mm tempered AG glass
Screen Sharing	Yes
QR Connectivity (Laptop/Mobile)	Yes

■ TOUCH

Touch Type	Infrared touch
Touch Accuracy	±1mm
Response Time (Single Touch)	≤ 8ms
Surface Hardness / Writing Screen	Morse-magnitude, explosion-proof physical toughened glass
Hit Count	Unlimited
Touch Points	Windows: 50-point / Android: 40-point
Min. Identification Diameter	2.5mm

■ ENVIRONMENTAL

Working Temperature	0°C to 40°C
Working Humidity	20% – 80% RH
Storage Temperature	-10°C to 60°C
Storage Humidity	10% – 90%
Altitude	5000 m

■ HARDWARE PLATFORM

Processor	CVTE RK3588 — 8-core (CA76×4 + CA55×4), Mali-G610 MP4
CPU	CA76×4
GPU	CA55×4, Mali-G610 MP4
RAM	8GB
Storage (ROM)	128GB
Operating System	Android 15.0
OSD Language	English / Arabic / Spanish / Italian / French, etc. (default: Arabic)
Wi-Fi	Wi-Fi 6, dual-band 2.4G & 5G
Wireless AP	2.4G & 5G
Bluetooth	Bluetooth 5.0
Built-in Camera	Integrated AI 4K camera with omni-directional 8-array microphone, auto framing and speaker tracking

■ CONNECTIVITY

Input & Output	RJ45 IN×1; RJ45 OUT×1; VGA×1; PC AUDIO IN×1; DP×1; SPDIF OUT×1; LINE OUT×1; HDMI×3; HDMI OUT×1; RS232×1; USB Type-C×2; OPTICAL OUT×1; TOUCH OUT×3; USB×3
Front Interface Ports	USB 3.0×2; Type-C (full function)×1; HDMI×1; TOUCH OUT×1
Wallmount Bracket	Yes
Movable Stand	Optional (square movable stand)
Speakers	2 × 15W

■ OPTIONAL OPS MODULE

Processor	Intel Core i7, 13th Gen
Operating System	Windows 11
RAM	16GB
Hard Disk	256GB
Wi-Fi Antenna	2.4G & 5G

■ POWER

Power Source	100–240V ~ 50/60Hz
Power-On Consumption	≤ 330W
Standby Consumption	≤ 0.5W
Speaker Specification	8Ω / 15W × 2

■ PACKAGING & WEIGHT

Product Size (L×W×H) — Bare Machine	1707 × 1013 × 92 mm
Carton Box Size (L×W×H) — Package	1830 × 200 × 1142 mm
Net Weight (N.W.)	40 kg
Gross Weight (G.W.)	60.8 kg

Included Accessories: AC power cable × 1; Warranty card × 1; Touch pen × 2; Remote control × 1