

AP708-101C

ARM HMI PANEL PC



Rockchip®
RK3576 processor



10.1 inch, 10 points-touch screen
1280 x 800 @60 Hz

OS

Android 14 / Debian 12



0°C ~ 60°C (32°F ~ 140°F)



Display

Display Resolution	1280 x 800 @60 Hz (16:9)
Color performance	16.7m colors
Brightness	300 cd/m2,
Response Time	<6.5ms
Viewing Angle	85/85/85/85 (L/R/U/D)
Contrast Ratio	>600:1

System

CPU	Rockchip® RK3576 processor
Processing Units	4 x Cortex-A72 & 4 x Cortex-A53
NPU	6 TOPS RKNN
TDP	6 W
GPU	ARM Mali-G52 MC3
Graphic Engine	OpenGL ES 1.1/2.0/3.2, OpenCL 2.0, Vulkan 1.1
Multi-Media	8K30 H.264/H.265/VP9/AV2/AVS2 Decoder 4K60 H.264/H.265 Encoder
System Memory	4 GB, Onboard LPDDR4/LPDDR4x
Storage	64 GB, Onboard eMMC (Optional: 128 GB) 1 x MicroSD slot
Cooling System	Fanless, passive cooling
Power Requirement	DC-IN 5.5*2.5, 12 V/3 A
Dimensions	260.5mm x 178.4mm x 50mm (10.26" x 7.02" x 1.97")
Operating system	Android 14 / Debian 12
Operating Temperature	0°C ~ 60°C (32°F ~ 140°F) @0.7m/s Air Flow
Storage Temperature	-20°C ~ 75°C (-4°F ~ 167°F)
Humidity	95% @ 60°C (non-condensing)

Touch

Type	Capacitive Touch Screen, Full Lamination
Input	10 points-touch, finger and stylus input
Resolution (DPI)	500 DPI
Hardness	≥6H

I/O

USB	1 x Type-C (OTG, DP, USB3.2 Gen1) 2 x USB3.2 Gen1
HDMI-output	1 x HDMI (Max. 3840 x 2160 @120 Hz)
Ethernet	2 x RJ45
COM	2 x RS232
Audio	1 x MIC-IN, 1 x speaker, 1 x 2-IN-1 Headset
Phoenix terminal	12pin phoenix contact, 6 x GPIO, 2 x RS232
Button	1 x Power on, 1 x Recovery
Antenna	1 x Connector for Wi-Fi/BT

Network

Network Controller	2 x Realtek RTL8211F Gigabit Ethernet
Wi-Fi/BT	Onboard Wi-Fi/BT module, supports Wi-Fi6 2.4GHz/5GHz, Bluetooth5.4
Cellular Network	NA

Order information

AP708-101C- RK357642E6G-GIA	CPU: Rockchip® RK3576 processor RAM: 4 GB, Onboard LPDDR4x Storage: 64 GB, Onboard eMMC Wi-Fi/BT: Onboard Wi-Fi/BT module Operation System: Android14
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