

AF708

ARM INDUSTRIAL COMPUTER



Rockchip®
RK3576 processor



1 x HDMI, 1 x Type-C
Up to 3840 x 2160@60 Hz



Onboard Wi-Fi/BT module



Fanless design

CPU

CPU	Rockchip RK3576 processor
Processing Units	4 Cores Cortex-A72 & 4 Cores Cortex-A53
NPU	6 TOPS RKNN
TDP	6 W

System

System Memory	4 GB, Onboard LPDDR4x, 2 Channels
Storage	32 GB, Onboard eMMC, 1 x TF Card Reader
TPM	Optional: TPM2.0
Watchdog Timer	Yes
Auto Power On	Yes
RTC	Set up independently every day, a week as a cycle
Power Requirement	DC-IN, 12V
Dimensions	162 mm x 130 mm x 60 mm (6.37" x 5.12" x 2.36")
Construction	Metal, Grey
Cooling System	Fanless, passive cooling
Operating System	Android 14, Debian 12
Operating Temperature	0°C ~ 60°C (32°F ~ 140°F) @0.7m/s Air Flow
Humidity	10% ~ 95% @45°C (non-condensing)
Storage Temperature	-20°C ~ 75°C (-4°F ~ 167°F) not include the package
Certifications	CE, FCC Class B, UKCA

Network

Network Controller	2 x Realtek RTL8211F Gigabit Ethernet
Ethernet Interface	2 x 1 GbE RJ45
Wi-Fi/BT	Onboard Wi-Fi/BT module
Mobile Network	NA

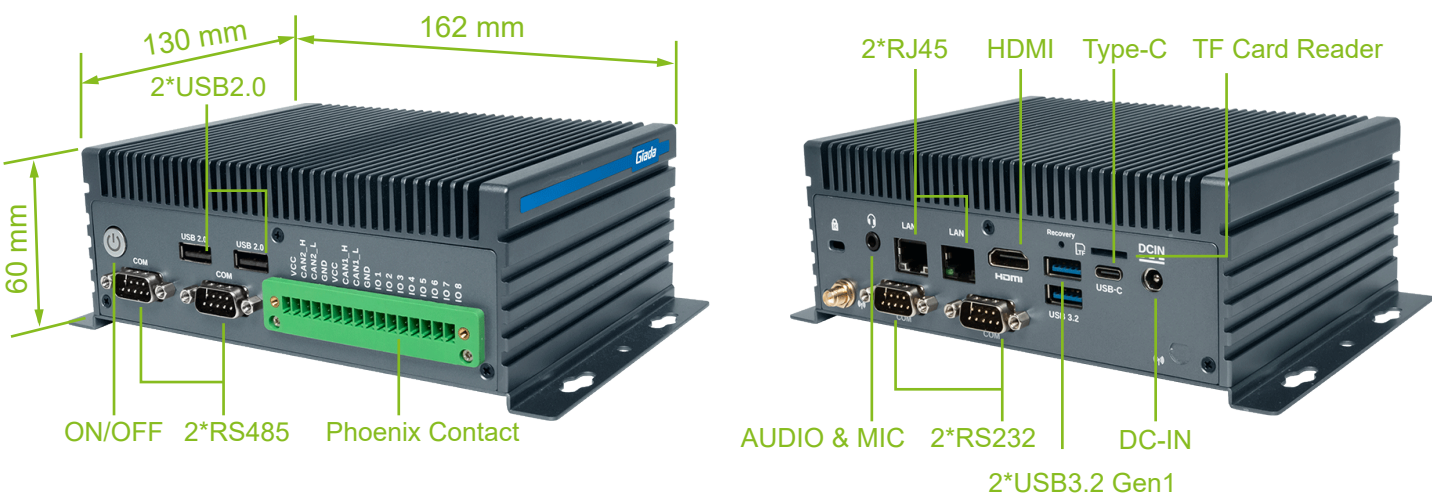
Display

GPU	ARM Mali-G52 MC3
Graphic Engine	OpenGL ES 1.1/2.0/3.0, OpenCL 3.0, Vulkan 1.1
Multi-Media	8K30 H.265/ VP9/ AV1/ AVS2 Decoder 4K60 H.264
Display Interface	1 x HDMI (Max.3840 x 2160 @60 Hz)
# of Displays Supported	2

I/O interface

USB	2 x USB3.2 Gen1, 2 x USB2.0, 1 x USB Type-C3.2 Gen1 (OTG, Max. 3840 x 2160 @120Hz)
Serial Port	2 x RS232, 2 x RS485
Audio	1 x 2-in-1 headset (MIC-IN & AUDIO-OUT)
Phoenix Contact	16pin, 2 x 4pin CAN, 8 bi-directional GPIOs
Button	1 x Power on, 1 x CLR-CMOS
Antenna	1 x Connector for Wi-Fi/BT, 1 x Reserved

Dimensions and Drawing



Order information

AF708-357642N5G-GIA	CPU: Rockchip® RK3576 processor Memory: 4 GB, Onboard LPDDR4x, 2 Channels Storage: 32 GB, Onboard eMMC
Packing List	1 x Wi-Fi Antenna, 1 x AC Power Cable, 1 x AC Power Adapter
Package	Carton, EPE

Optional items

Mounting	Wall-mount: Wall-mounting kit (JC283)
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