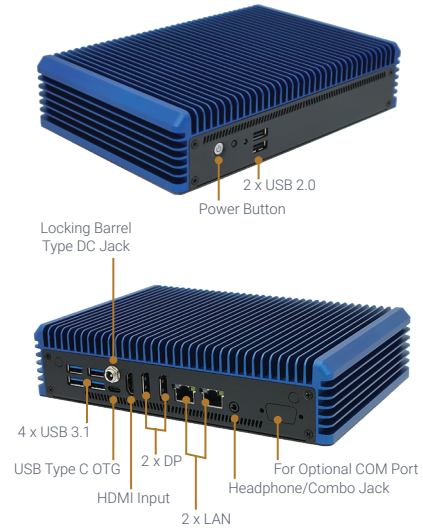


Features

- Compact and Fanless Design
- Rockchip® RK3588 SoC
- Quad Core Cortex-A76 & Quad Core Cortex-A55
- 8GB Onboard LPDDR4 Memory
- 32GB eMMC Onboard
- Mali G610 MP4 Integrated Graphic
- 2 x DisplayPort 1.3 4K@60Hz
- 1 x HDMI Input
- USB Type C OTG
- 4 x USB 3.1, 2 x USB 2.0
- Optional 1 x COM Port
- 12V-24V DC-in, Locking Barrel Type DC Jack



Specifications

System	
Motherboard	AR3588RK
CPU	Rockchip® RK3588 SoC Quad Core Cortex-A76 & Quad Core Cortex-A55
System Memory	8GB Onboard LPDDR4 Memory
Ethernet	1 x Realtek® RTL8211F 1 x Realtek® RTL8111H
Audio Codec	Everest® ES8388 Ultra-Low Power Audio Codec
Expansion	1 x M.2 M-Key 2280/2242 NVMe (PCIe Gen3 x4 Singal) 1 x M.2 E-Key 2230 (PCIe x1 + USB Signal) 1 x MicroSD Socket
Storage	32GB eMMC Onboard
Supported OS	Android, Linux
Display	
Chipset	Mali G610 MP4 Integrated Graphic Vulkan 1.2, OpenGL ES 3.2, OpenCL 2.2, 4K 60fps Encoding, 4K 90fps Decoding, HEVC/H.264
Interface	1 x HDMI Input up to 4k 60Hz 2 x DisplayPort 1.3 4K@60Hz 1 x LVDS/eDP (Optional)
External I/O - Front	
USB	2 x USB 2.0
Power Button	1 x Power Button
Reset	1 x Reset Switch
LED	1 x HDD LED

External I/O - Rear	
Display	2 x DisplayPort
Display Input	1 x HDMI Input
USB	4 x USB 3.1 1 x USB 3.1 Type C OTG
LAN	2 x RJ45
Audio	1 x Headphone/Combo Jack
DC-in	1 x Locking Barrel Type DC Jack
COM Port	Optional 1 x COM Port
SMA	2 x Knockout for SMA Connectors
Mechanical & Environment	
Power Requirement	12-24V Wide Range DC-In
Cooling	Fanless through Aluminum Fin
Operating Temp.	0° ~ 50°C (32° ~ 122°F)
Storage Temp.	-20° ~ 75°C (-4° ~ 167°F)
Operating Humidity	0% ~ 95% Relative Humidity, Non-condensing
Certification Information	CE, FCC, RoHS Compliant
Dimensions	8.46" x 5.75" x 1.97" (215x146x50mm)
Weight	4 lbs (1.8 kgs)

* All product specifications and images are subject to change without notice. Last update: 03/19/2024