



Features

- Designed with AMD Ryzen™ Embedded R2000 platform
- Fanless design for long life span
- Support four 4K display (4 x DP)
- Support up to 8 USB ports
- Optional COM (alternative to USB 2.0 x 2)
- Optional Fiber LAN
- Optional TPM 2.0
- Optional smart card reader
- Optional Wi-Fi module (M.2 2230 E Key Socket)

Specification

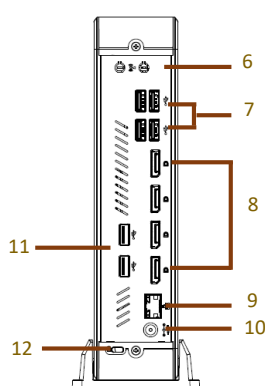
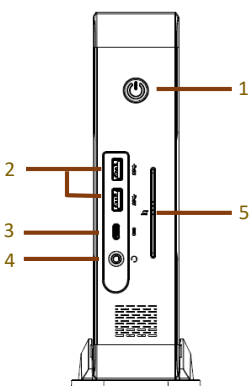
Processor	CPU	AMD Ryzen™ Embedded R2514 processor 2.1GHz base clock up to 3.7GHz boost frequency, Quad-Core four threads
Memory	RAM	x 2 SO-DIMM socket for DDR4 2667MHz RAM up to 32GB (support dual channel)
Display	Max. Resolution	Up to 4096 x 2160 @ 60Hz
Audio	Speaker	x 1 (built-in 0.5W internal speaker)
Storage		Onboard eMMC from 8GB to 32GB (manufacturing option) x 1 M.2 connector for SSD (disable eMMC in BIOS is required)
I/O Physical	USB 3.2 Gen 2	x 2 (front x 2)
	USB 2.0	x 6 (rear x 6)
	USB Type C 3.2 Gen 2	x 1 (front x 1) support DP Alt mode (DP 4 alternative)
	DP 1.2	x 4 (DP4 is disabled when USB type-C is connected to a monitor)
	3.5mm Headset Jack	x 1 Support TRRS
Security	TPM (Trust Platform Module)	x 1 on board (manufacturing option) & Kensington Lock
	Processor Security	Support - AMD Memory Guard
Networking	LAN	x 1 (RJ45,10/ 100/ 1000 Base-T)
	Fiber Optic LAN	x 1 (manufacturing option, alternative with RJ45)
	WLAN	x 1 M.2 E key (optional module)
Environment	Temperature Operation	32° to 95° F (0° to 35° C)
	Storage	-4° to 140° F (-20° to 60° C)
	Relative Humidity	20% to 80% non-condensing
Other Expansion	Smart Card Reader	OmniKey 3121 (optional)
	COM	x 1 (manufacturing option, alternative to USB2.0 x 2)
Power	Power Supply	60W, DC 12V/5A external power adapter
Compatible OS		Win10 IoT Enterprise, Linux per request
Mounting	VESA Mounting kit	(optional)
Mechanical	Kensington Lock	Yes
Physical Characteristics	Chassis Housing/Color	Plastic and metal/ Black
	Dimension	53(W) x 230 (H) x 210 (D) mm (w/o stand)
Regulatory Compliance		FCC/ CE/ LVD/ UKCA/ ICES-003 Issue 7

Drawing and I/O function list

specifications subject to change without notice.

Front View

Rear View



1. Power Button
2. USB 3.2 Gen2
3. USB Type C 3.2 Gen2
4. Audio jack
5. Smart card reader slot (Optional)
6. Antenna Hole x2
7. USB 2.0
8. DP
9. RJ45 LAN
10. 12V DC jack
11. USB 2.0 (alternative to optional COM)
12. Kensington Lock