



### Features:

- ◇ Aluminum structure, Fanless design
- ◇ AMD Ryzen™ Embedded R2314 processor;
- ◇ 6x COM (4 RS232 + 2 RS485);
- ◇ 2x DDR4 memory slots, up to 64 GB;
- ◇ 4K UHD dual display, 2 x HDMI;
- ◇ Supports 6 x USB;
- ◇ Applicable systems:



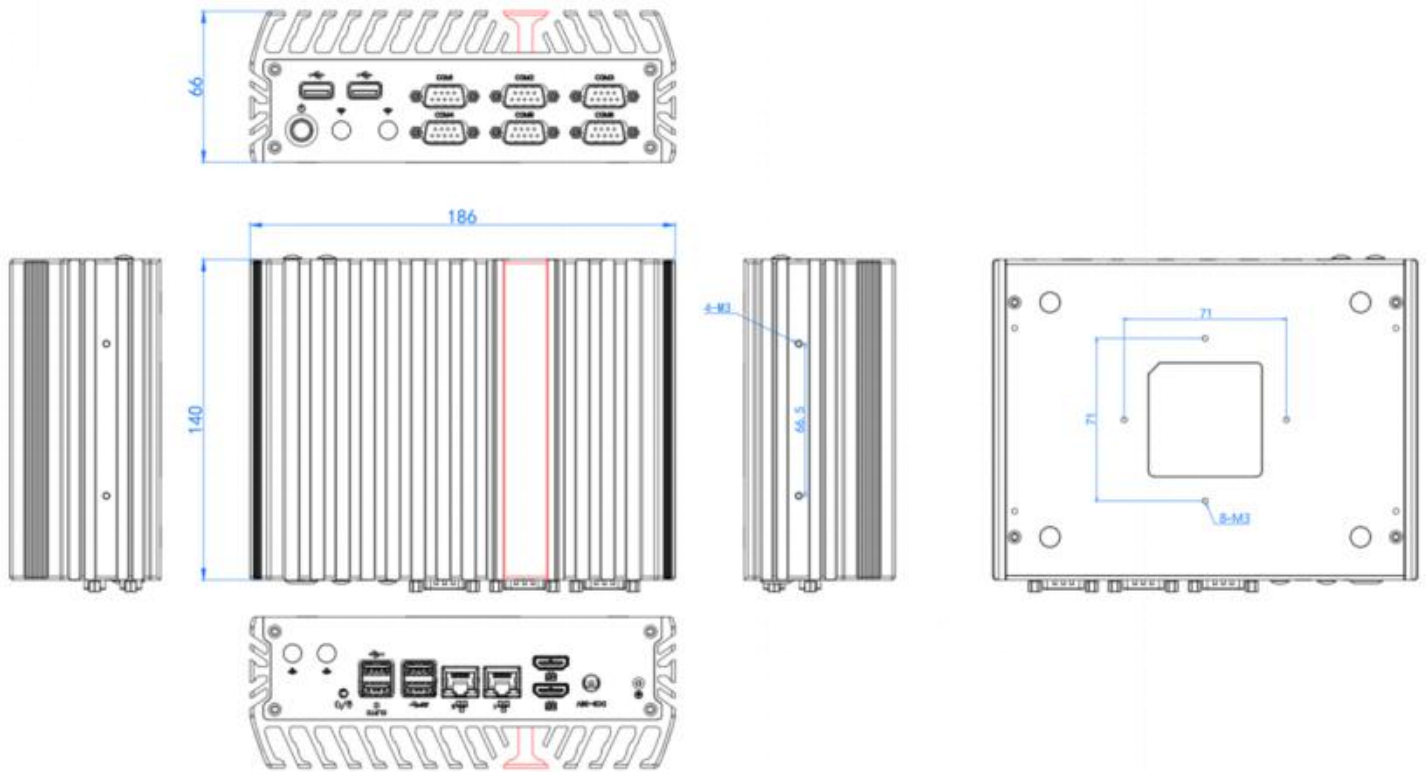
## Specification

Model	Partaker B4
Chassis color	Metal gray (color customizable)
Material	High-quality all-aluminum alloy
Processor	AMD Ryzen™ Embedded R2314 (4core 4-thread, base 2.1 GHz, turbo boost 3.5 GHz)
architecture	Zen + Micro architecture
Memory	2 x DDR4 2400MHz SODIMM memory slots, max 64 GB.
BIOS	AMI UEFI BIOS
Display chip	AMD Radeon™ Graphics
Display port	2 x HDMI 2.0 HD (support synchronous/asynchronous dual displays, up to 4096x2160@60Hz)
Front I/O	1 x power switch, 2 x USB 2.0, 6 x COM (COM 1–4 are RS232, COM 5–6 are RS485)
Rear I/O	1 x DC, 2 x HDMI, 2 x RJ45 network ports, 2 x USB 3.2 , 2 USB 2.0 1 x MIC/SPK
Expansion slot	1 x MINI PCIe slot (support MSATA SSD) 1 x M.2 2230 E-key slot (PCIe & USB, with Wi-Fi 5/Wi-Fi 6 & Bluetooth) 1 x M.2 3052 B-key slot (support USB3.0,4G/5G), with built-in Micro-SIM card slot Scalable interface (not included in standard shipment): 8 GPIO channels
Network	2 x RTL8111H 10/100/1000M Gigabit Ethernet cards
Storage	1 x MINI PCIe (MSATA SSD) slot , 1 x 2.5-inch hard drive bay
Input	DC 12V - 24V input
Other functions	Power-on startup, scheduled startup, network wake-up, PXE boot, watchdog (level 0–255), TPM 2.0 security encryption
Work temp.	0°C to +40°C (commercial HDD), -20°C to +60°C (industrial SSD), with surface air flow
Work humidity	0% to 95% non-coagulated state
Certification	CE、 CCC、 FCC Class A、 RoHS
Dimension	186 * 140 * 66 mm

Weight 1.58 kg

Application Industrial control, industrial automation, robotics, IoT gateways, edge computing, machine vision, AGVs/AMRs, etc.

## Drawing



## Packing list

Name	Quantity-	Specification
Power adapter	1	Recommended: 12V 5A
Power cable	1	CN、US、UK、EU.etc
Qualification	1	Neutral
Warranty Card	1	Neutral
VESA mount	1	Standard

## Order Information

Configuration 1	Partaker B4	AMD Ryzen™ Embedded R2314	Standard I/O
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