

# Nano-N332F

AMD Ryzen Embedded R2000  
Series Processor Mini PC



## 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:



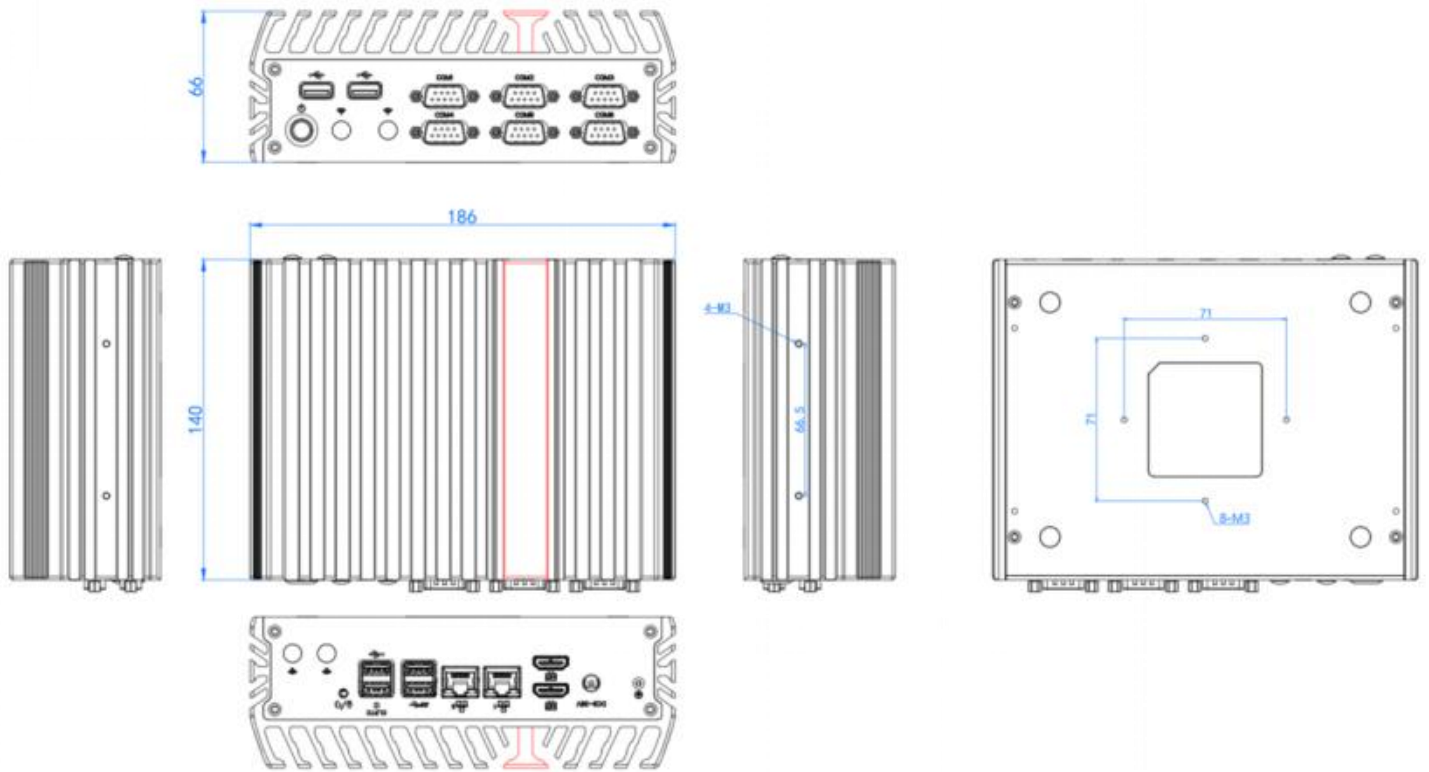
## Specification

|                 |   |
|-----------------|---|
| Model           | Nano-N332F  |
| 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<br>1 x MIC/SPK   |
| Expansion slot  | 1 x MINI PCIe slot (support MSATA SSD)<br>1 x M.2 2230 E-key slot (PCIe & USB, with Wi-Fi 5/Wi-Fi 6 & Bluetooth)<br>1 x M.2 3052 B-key slot (support USB3.0, 4G/5G), with built-in Micro-SIM card slot<br>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.

## Nano-N332F Drawing



## Packing list

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

## Order Information

|                 |            |                           |              |
|-----------------|------------|---------------------------|--------------|
| Configuration 1 | Nano-N332F | AMD Ryzen™ Embedded R2314 | Standard I/O |
|-----------------|------------|---------------------------|--------------|