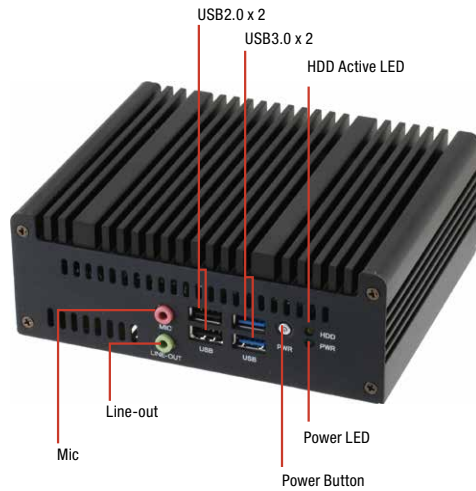
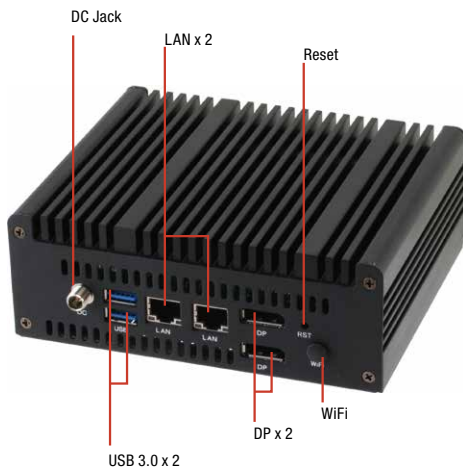


Fanless Mini PC with Intel® 5th Generation 15W Processor, 2 DP and 6 USB Port

Front View



Rear View



Bottom View



Features

- Intel® 5th Generation 14nm ULT Core™ i7/i5/i3 15W BGA Processor
- Dual Gigabit Ethernet
- Dual Display Port
- USB 3.0 Port x 4, USB 2.0 Port x 2
- Fanless Solution



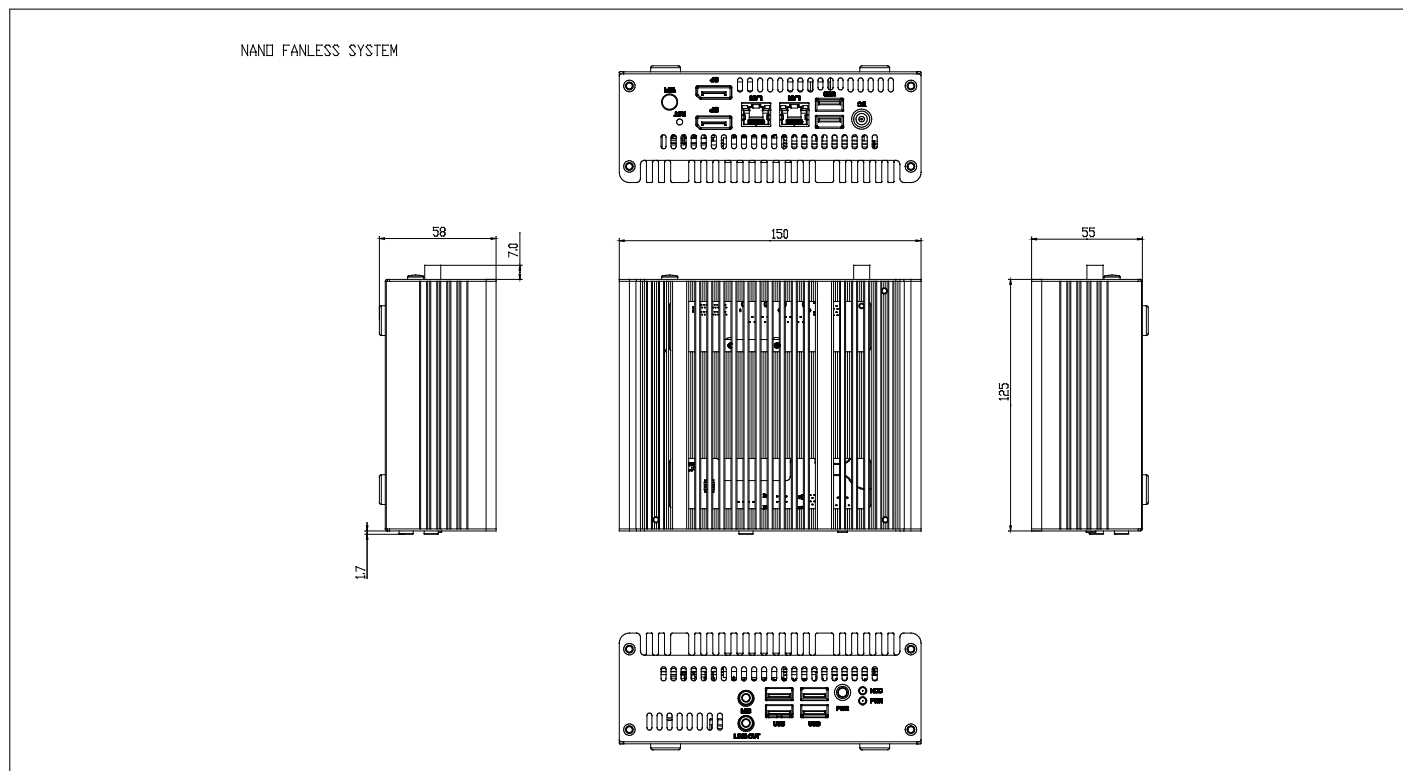
Specifications

| System | | |
|-----------------------|---|--|
| CPU | Intel® 5th gen. 14nm Core™ i7-5650U/ i5-5350U/ i3-5010U BGA CPU,15W TDP. | |
| Chipset | Integrate into SoC | |
| System Memory | 204-pin DIMM x 2, max. 16GB, DDR3L 1600 MHz, non-ECC, un-buffered memory. | |
| I/O Chipset | NCT5538D | |
| Display Interface | Chipset | Integrated Graphics |
| | DP | DP 1.2a x 2, up to 3840 x 2160 @60Hz |
| Storage Devices | M.2 slot (M-key) x 1, length: 60mm | |
| Network | LAN | Realtek 8111G x 2, 10/100/1000Mb Base-TX |
| I/O | | |
| Front I/O | USB | USB 3.0 ports x 2, USB 2.0 port x 2 |
| | Audio | Line-out (green) x 1, Mic-in (pink) x 1 |
| | Display | — |
| | Others | On/Off Button x 1 |
| Rear I/O | USB | USB 3.0 ports x 2 |
| | Audio | — |
| | Display | Display port connector x 2 |
| | LAN | RJ-45 connector x 2 |
| | Power | Reset Switch x 1, DC Power x 1 |
| | Others | Antenna output (from int. mini-card) x 1 |
| Expansion | Mini PCIe | Mini-Card half size x 1 (default USB+PCIe, mSATA BOM change) |
| | Storage | — |
| | Others | RS-232 9-pin box header x 1, 5-pin USB 2.0 header (p=2.00mm) x 1 |
| Indicator | Front | Power LED x 1, HDD Active LED x 1 |
| | Rear | — |
| Power | | |
| Battery | Lithium battery | |
| Power Requirement | DC: 12V~19V, (Wide rage:12V-5%~19V+10%) | |
| Mechanical | | |
| Dimension (WxHxD) | 5.91" x 4.92" x 2.17" (150mm x 125mm x 55 mm) | |
| VESA Mounting | VESA Mount: 75mm x 75mm | |
| Anti-Vibration | 3.0 Grms/ 5~ 500Hz/ operation – SSD | |
| Anti-Shock | 20 G peak acceleration (11 msec. duration) -SSD | |
| Environmental | | |
| Operating temperature | FANLESS: 32°F ~ 104°F (0°C ~ 40°C) | |
| Certificate | CE & FCC Class A | |
| Operating System | | |
| MS Windows | Windows® 7 32/64 bit, Windows® 8.1 32/64 bit, Windows® 10 64bit | |
| Linux | Fedora (Kernal 3) | |

NANO-001N

Dimension

Unit: mm



Ordering Information

| Part Number | CPU | RAM Module | Display | Cooler | Storage | LAN | USB | Serial Port | Expansion Slot | Power | Mounting |
|------------------------|---------------------|-----------------------------|---------|---------|---------------------|---------|---|-----------------|---------------------------|----------|------------|
| NANO-001N-5010-01 | I3-5010U 2.1G/3M | — | DP x 2 | Fanless | — | GbE x 2 | USB3 x 4 USB 2.0 x 2 Int. USB 2.0 x 1 | Int. RS-232 x 1 | M.2 x 1 Mini PCI-E x 1 | DC12-19V | VESA Mount |
| NANO-001N-5010-01-1232 | I3-5010U 2.1G/3M | 2G SODIMM DDR3L/1600 x 1 | DP x 2 | Fanless | M.2 2260 SSD 32G | GbE x 2 | USB3 x 4 USB 2.0 x 2 Int. USB 2.0 x 1 | Int. RS-232 x 1 | M.2 x 1 Mini PCI-E x 1 | DC12-19V | VESA Mount |
| NANO-001N-5350-01 | I5-5350U 1.8G/3M | — | DP x 2 | Fanless | — | GbE x 2 | USB3 x 4 USB 2.0 x 2 Int. USB 2.0 x 1 | Int. RS-232 x 1 | M.2 x 1 Mini PCI-E x 1 | DC12-19V | VESA Mount |
| NANO-001N-5350-01-1232 | I5-5350U 1.8G/3M | 2G SODIMM DDR3L/1600 x 1 | DP x 2 | Fanless | M.2 2260 SSD 32G | GbE x 2 | USB3 x 4 USB 2.0 x 2 Int. USB 2.0 x 1 | Int. RS-232 x 1 | M.2 x 1 Mini PCI-E x 1 | DC12-19V | VESA Mount |
| NANO-001N-5650-01 | I7-5650U 2.2G/4M | — | DP x 2 | Fanless | — | GbE x 2 | USB3 x 4 USB 2.0 x 2 Int. USB 2.0 x 1 | Int. RS-232 x 1 | M.2 x 1 Mini PCI-E x 1 | DC12-19V | VESA Mount |
| NANO-001N-5650-01-1832 | I7-5650U 2.2G/4M | 8G SODIMM DDR3L/1600 x 1 | DP x 2 | Fanless | M.2 2260 SSD 32G | GbE x 2 | USB3 x 4 USB 2.0 x 2 Int. USB 2.0 x 1 | Int. RS-232 x 1 | M.2 x 1 Mini PCI-E x 1 | DC12-19V | VESA Mount |

Packing List

- VESA Mount Kit
- Product DVD
- NANO-001N

Optional Accessories

- **1702031802**
Power Cord (US & Taiwan Type)
- **1702031803**
Power Cord (European Type)
- **170203180B**
Power Cord (China Type)
- **170203180E**
Power Cord (Japanese Type)
- **1255300607**
60W Power Adapter
- **968C032G0Z**
M.2 2260 32G SSD
- **968C064G1G**
M.2 2260 64G SSD
- **968C128G1L**
M.2 2260 128G SSD
- **968C256G0C**
M.2 2260 256G SSD
- **968C512G07**
M.2 2260 512G SSD