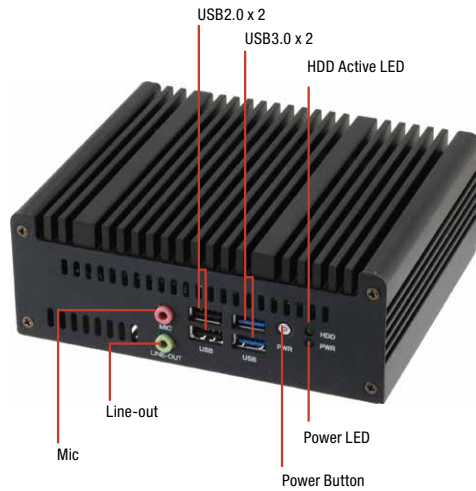
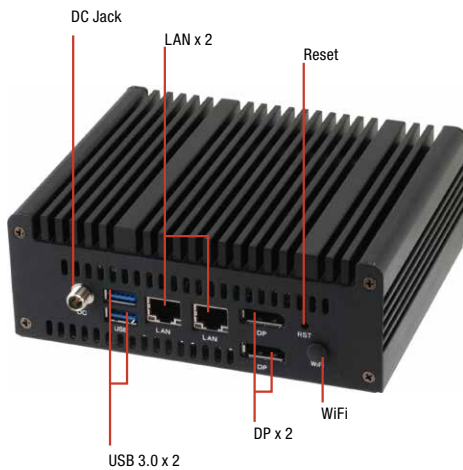


Fanless Mini PC with Intel® 5th Generation 15W Processor, 2 DP and 6 USB Port

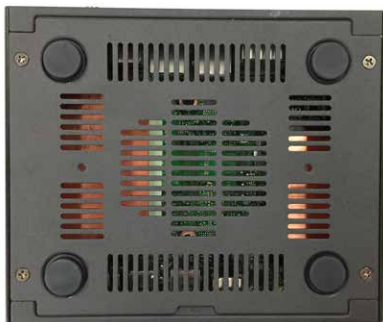
Front View



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



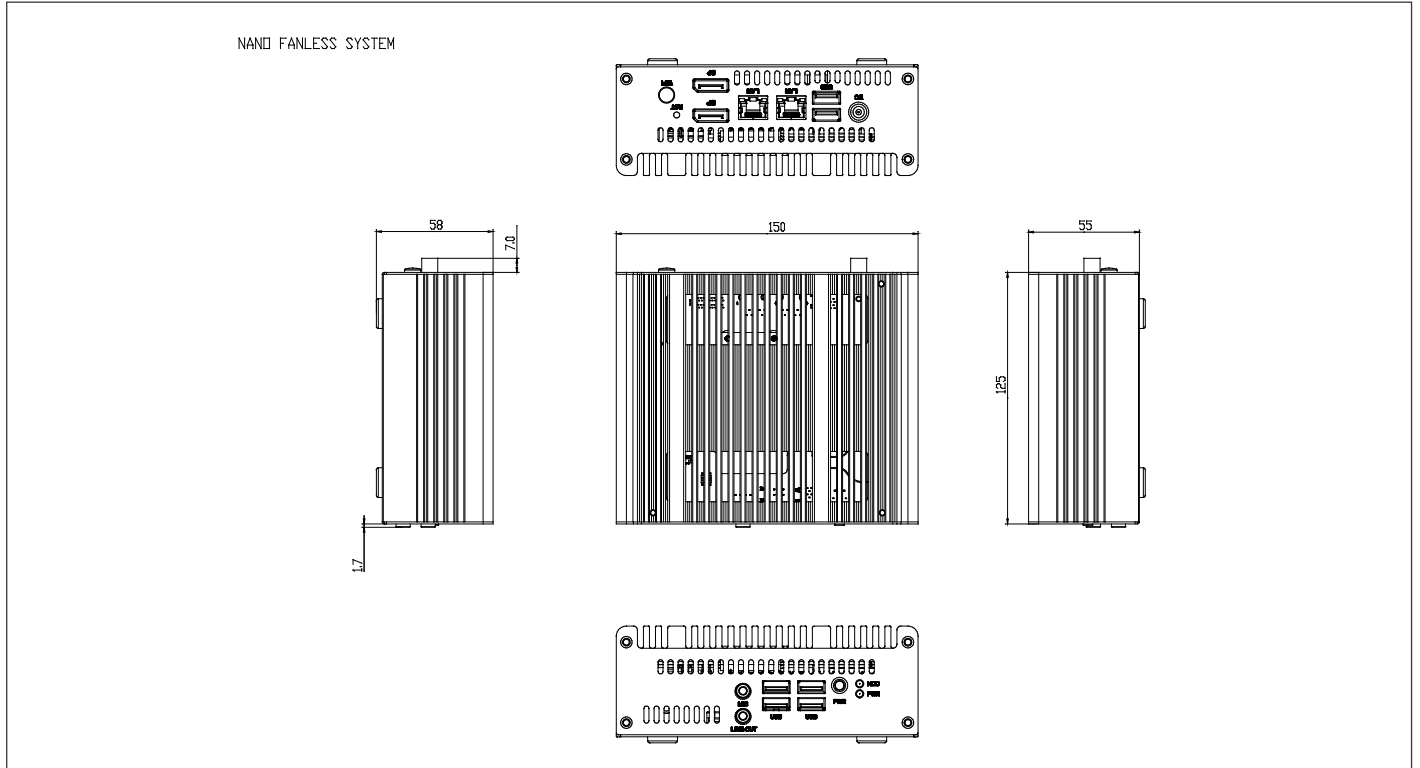
## Specifications

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 range: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 (Kernel 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