

N8150Z-HD

10th Generation Intel®Celeron Processor
Fanless design, full aluminum case



Features

- Integrated 10th Generation Intel®Celeron 5205U 1.9GHz dual core 2-thread processor
- 2*DDR4 SODIMM RAM slot, support 2400MHz, max up to 64GB
- Support dual 4K/60Hz display, 1*HD OUTPUT, 1*DP
- 2* RTL8111HS Gigabit Ethernet, support WOL、 PXE function
- 2* RS232 DB9 COM port, support RS485/232 switchable support the 9th pin charged function
- 8*USB port, 1* SIM slot
- DC 12V power input
- Fanless cooling structure, full aluminum case

Specification

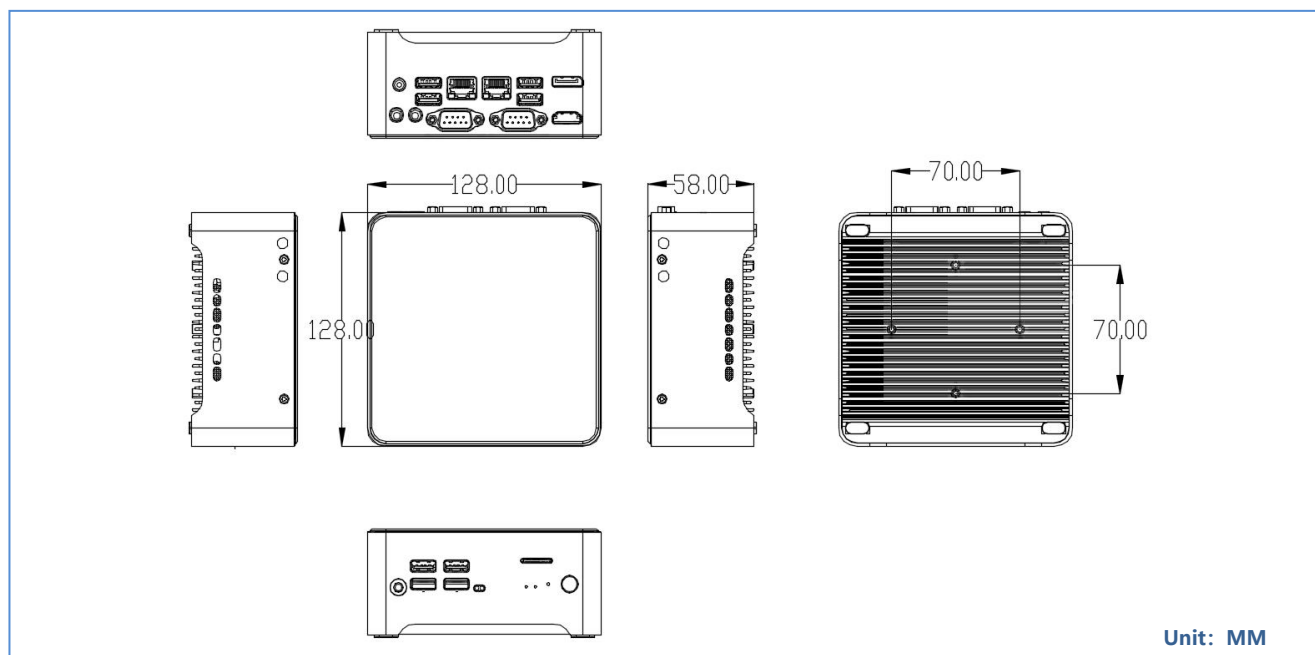
Model No.	N8150Z-HD V1.0(5205U)	
Case	Material/Structure	Full aluminum case, fanless cooling structure
	Color	Iron gray
	Dimension (L*W*H)	128*128*58MM
	Weight (Net)	1.20KG
	Installation	Desktop / Wall mounted
Motherboard	CPU	Integrated 10 th Generation Intel®Celeron 5205U 1.9GHz dual core 2-thread processor, TDP 15W
	Chipset	SOC
	Display	Intel® UHD Graphics , support DirectX 12 OpenGL 4.5, 4K/60Hz
	Memory	2*DDR4 SODIMM RAM slot, support 2400MHz memory, max up to 64GB
Front I/O Port	POWER	1*Power Switch, 1*Reset Switch
	AC LOSS	1*AC LOSS (auto power on switch))
	USB	2* USB2.0 port, 2* USB3.0 port
	Audio	1* Audio port, support MIC/AUDIO two in one
	SIM	1* SIM slot, 3G/4G module
Rear I/O Port	Display Port	1*HD OUTPUT2.0 port (4096x2304@60Hz) , 1* DP port (4096x2304@60Hz)
	LAN	2* RJ45RJ45 LAN port, Realtek8111H Gigabit Ethernet, support Wake On LAN、 PXE function
	USB	2* USB2.0 port, 2* USB3.0 port
	COM	2* RS232 DB9 COM port, support RS485/232 switchable, the 9th pin charged function
	Audio	1* Line out port, 1* MIC port, onboard ALC662 6 channel high fidelity audio controller
	Power Supply	1* DC power port, support DC 12V power input
Storage	SATA	1*2.5"SATA HDD expansion
	M.2	1* M.2 slot, support M.2 2280 NVME PCIe x4 standard SSD
Expansion	Mini PCIE	1* Mini-PCIE slot, support 4G module
	M.2	1* M.2 slot, support WIFI module
OS Support	Microsoft Windows	Windows 10, 64bit(not include OS code)
	Linux	Ubuntu
	Watch Dog	Support hardware reset function(L256. 0~255 seconds)
Power Supply	Power Type	External power adaptor
	Voltage Input	DC 12V
	Power output	AC TO DC、 36W / 60W (optional)
Environment	Operating Temp.	-10℃ ~ 60℃
	Storage Temp.	-20℃ ~ 70℃
	Relative Humidity	5%-95% relative humidity, non-condensing
	Working Vibration	0.5g rms/5-500HZ/random/operating



NANO Mini PC Barebone

All product specifications are subject to change without prior notice

Dimension Drawing



Front Panel I/O View



Rear Panel I/O View



Order Information

No.	Model	Processor	Motherboard	Memory	GPIO	LAN	COM	HD OUTPUT	VGA	DP	USB2.0	USB3.0	SIM	power-input
1	N8150Z-HD (5205U)	5205U/ 1.9GHz	N10_C322D	2*DDR4	2*RTL8111HS	2	2	1	N/A	1	4	4	1	DC 12V