

SII-H31F-N150_3L2S

Intel® Alder Lake-N Series N150 Processor based Ultra-Compact Industrial Computer



Features

- CPU: Intel N150 Processor
- Memory: 1x SO-DIMM 4800MHz DDR5, up to 32GB
- Display: 1x DP, 1x HDMI displays
- Ethernet: 3x 2.5 GbE Ports; 2x 10G SFP (Intel 82599)
- Storage: 1x M.2 2280 NVME SSD
- Expansion: 1x M.2 Key-B 3052(5G); 1x M.2 Key-E 2230(WIFI&BT)
- Power: DC_12V



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Introduction

This industrial PC with fan is sized 177×125×54 mm, powered by Intel Celeron N150 quad-core quad-thread processor. It supports single-channel DDR5 4800MHz memory up to 32GB, with desktop and wall-mount installation.

It features 3×Intel I225/I226 2.5GbE LAN ports, DP + HDMI dual display outputs supporting 4K@60Hz. Rich I/O includes 5×USB2.0, 1×USB3.0 and SIM slot. The Mini-PCIe slot supports WiFi and 5G expansion.

Storage supports M.2 Key-M 2280 SSD interface. Powered by DC12V_10A, it supports power resume, timed power on, WOL, PXE boot and hardware watchdog.



GPIO



Watchdog



Wi-Fi



bluetooth

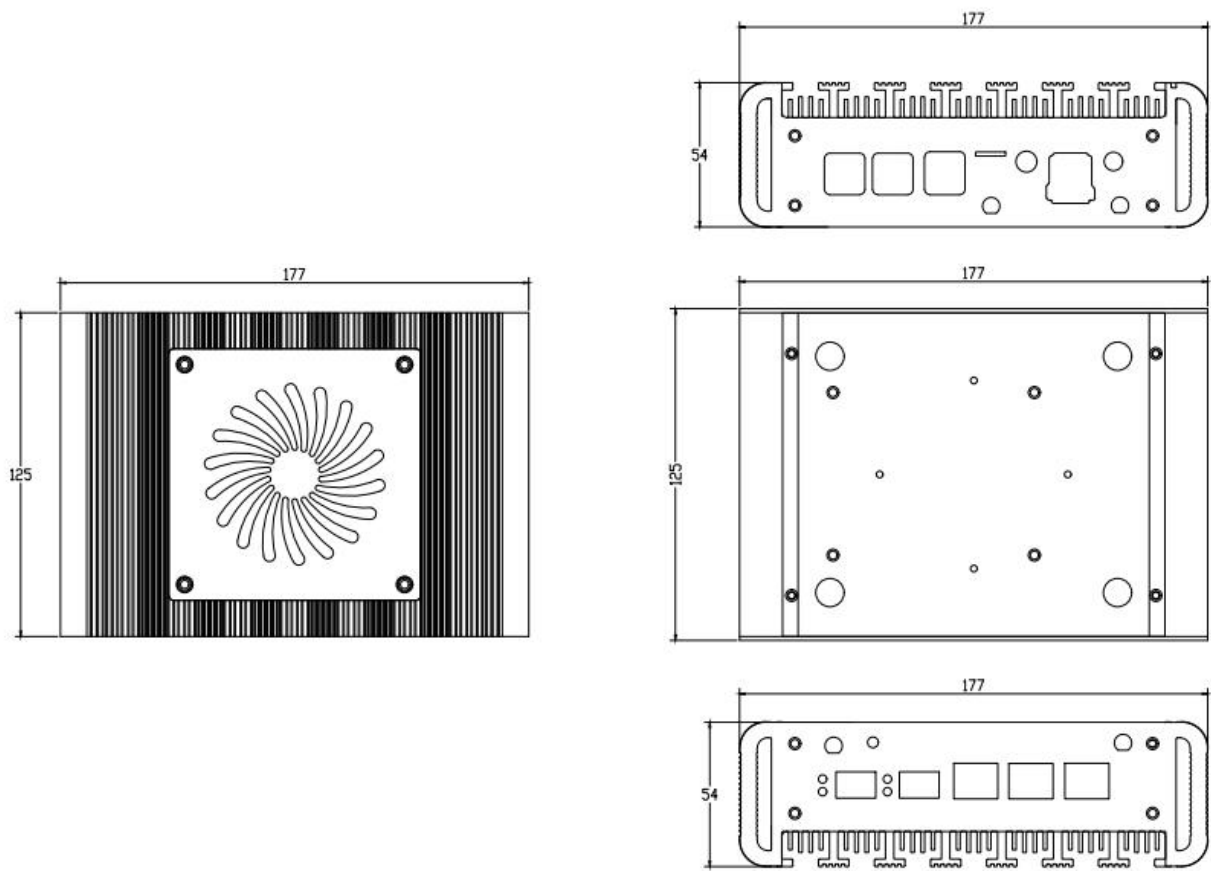
I/O Interfaces



Specification

Model No.		SII-H31F-N150_3L2S
Chassis	Structure	All materials is made of aluminum, fan cooling structure
	Dimension	177 x 125 x 54mm (L*W*H)
	Color	Black
	Installation	Support Desktop / Wall-mounted
Motherboard	Processor	Integrated Intel ® N150/3.6GHZ 4-core 4-threads processor;
	Chipest	Integrated Intel HD Graphics
	Memory	1x SO-DIMM slot, support DDR5 Memory, up to 32GB
Front I/O	Power	1x power input DC_12V
	Ethernet	3x I226 2.5GbE Ethernet ports; 2x Intel 82599 SFP (10G) ports
Rear I/O	Switch	1x Power Button
	Power interface	1x DC 12V power interface
	USB	1x USB3.0, 5x USB2.0
	Display	1x DP + 1x HDMI dual-display interface
	SIM	1x SIM slot
Storage	M.2	1x M.2 2280/2242 NVME SSD
Expansion	PCIE	1x MINI PCIE slot, Support 4G/WIFI&BT
O/S	Windows	Yes
	Linux	Yes
Power Supply	Watch Dog	Support hard ware reset function (level 256, 0~255 seconds)
	Power supply	External power adapter
	Voltage input	DC_12V 10A(5.5*2.5)
Reliability	Working Temp.	0°C~50°C
	Storage Temp.	-20°C~50°C
	Relative Humidity	5%-90% relative humidity, non-condensing

Diagram(mm)



Ordering Info

No.	Model	Processor	Memory	HDMI	DP	LAN	SFP	USB2.0	USB3.0	power
1	SII-H31F_N150_3L2S	N150/3.6GHz	1x SODDR5	1	1	3	2	5	1	DC_12V
2	SII-H31F_N300_3L2S	N300/3.8GHz	1x SODDR5	1	1	3	2	5	1	DC_12V

!!*For customized options, please consult regional sales. And please conrm the model name and description before purchasing.

!!*The model name and description might vary due to inventory changes.