

Datasheet Intelligent Internet of Things

LN-1004—2

Fanless BOX-PC

Product Features:

- The whole machine is sealed and fanless design to meet the harsh industrial environment.

- CPU thermal conductor integrated design, the whole structure of the machine is compact, rugged, fanless.

- Designed with an extruded aluminum alloy chassis, the finned shell also serves as a heat sink.

- With excellent sealing and dustproof, heat dissipation and anti-vibration performance, it can meet the requirements in the dirty and dusty environment.

- Use in harsh environments such as high contamination, dust, and severe electromagnetic interference.

- LAN, WIFI, 3G, 4G, etc., to meet the needs of different industries.

- Integrated Intel® Celeron N100 0.8GHz quad-core processor, compatible with Intel®.

- Alder Lake-N Full Series CPU (optional)

- 2 Intel 2.5G network ports.

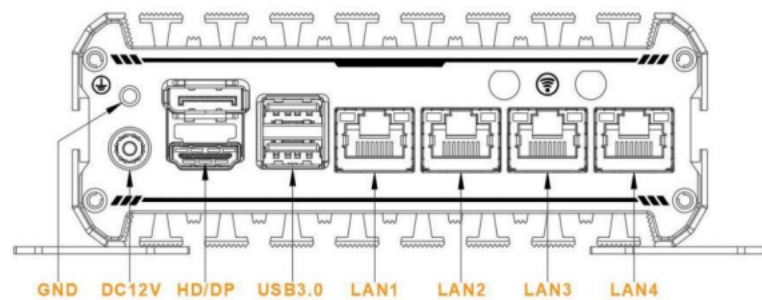
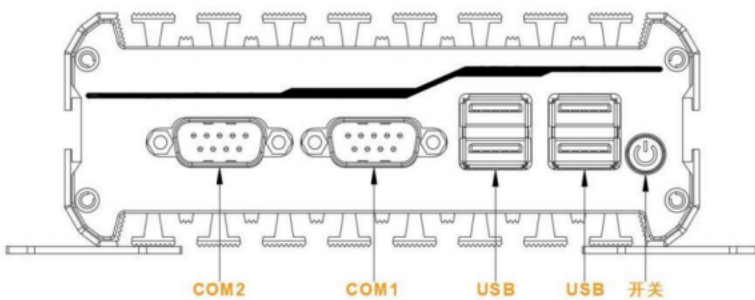
- Supports incoming call activation.

- DC12V DC input.

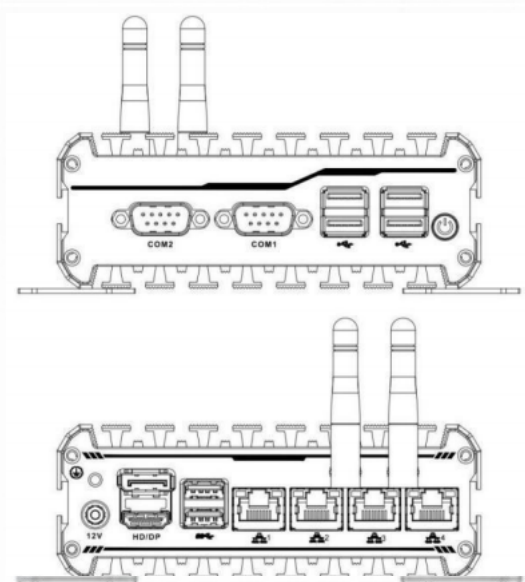
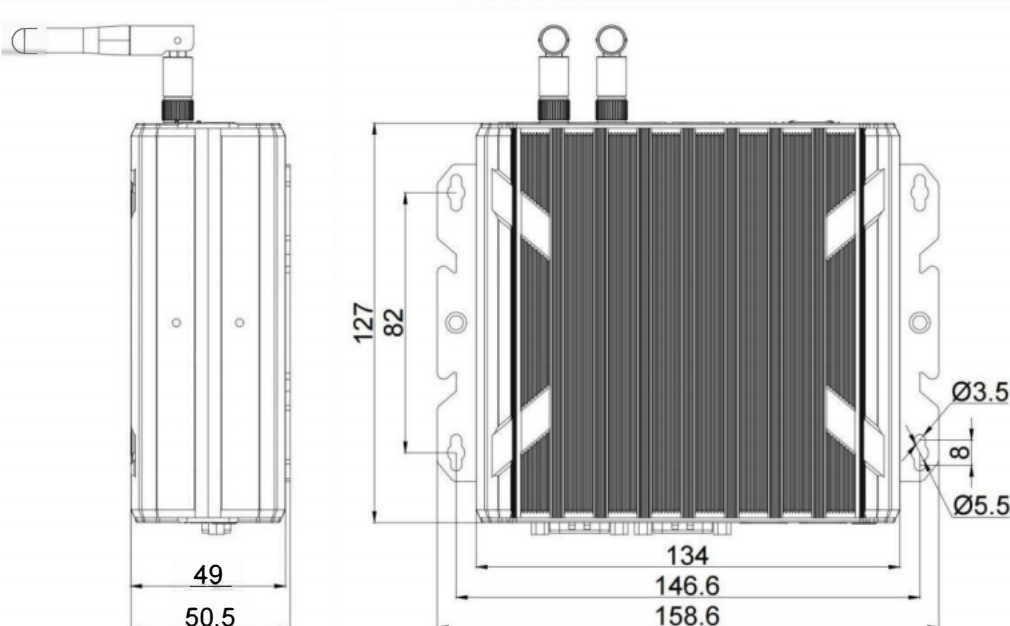


Note: The pictures show the product due to the different versions and configurations and the actual difference.
Please refer to the ordering information to select the appropriate model!

Schematic diagram of the interface location:



Product Dimension Drawing:



Product Specification

System Configuration

Processor On-board Intel® Celeron N100 0.8GHz quad-core processor compatible with Intel® ...

Alder Lake-N Full Series CPU

chipsets	Intel® (Intel®)
random access memory (RAM)	1*DDR4 3200MHz SO-DIMM, total maximum 32GB (the specific memory configuration of the whole machine is subject to the actual configuration)
display interface	1*HDMI2.0 / 1*DP
IO interface	Switchface Interface 1* Power Switch / 4*USB / 2*COM Rear IO Interface 2* LAN port / 2* USB3.0 / 1* HDMI / 1* DP / 1* DC
memory (unit)	1 M.2 Key-M 2280, sata protocol / 1 SATA3.0 (the specific configuration of the entire machine memory to the actual configuration)
Extended Interface	1 MiniPCIe slot for WIFI/3G/4G devices / 1*8-bit GPIO / 1*TPM2.0

Chassis parameters Characteristics: Aluminum alloy high-strength heat dissipation profiles Material: high-quality high-efficiency heat dissipation aluminum alloy Thermal design: fanless passive heat dissipation

Operating humidity	10% - 95% @40°C non-condensing	working environment	-10.C~60.C (-4.F~149.F)
Storage environment	-40.C~80.C (-40.F~176.F)	power supply	DC12V Input 25W
Installation	Recessed / Wall / Desktop Bracket	Dimensions (W*H*D)	TBD mm (naked) 134*127*50.5mm
Weight (kg)	Net weight ≈ 0.8KG / Gross weight ≈ 1.2KG	operating system	Windows 10/ Windows 11/ Linux
Start-up mode	Switch activation, supports self-start on incoming calls		

Ordering Information

Model Number Description

BOX Fanless Series

LN-1004-2 N100

Packing List

Name Quantity

Underexposed machine 1

power cable (of an appliance etc)	1
Mounting Bracket	1 (optional VESA mount)

Name Quantity

12V Adapter 1

screwdriver	1
Hard Disk Bracket	1 (Optional)