

Datasheet/ Intelligent Internet of Things

LN-1006

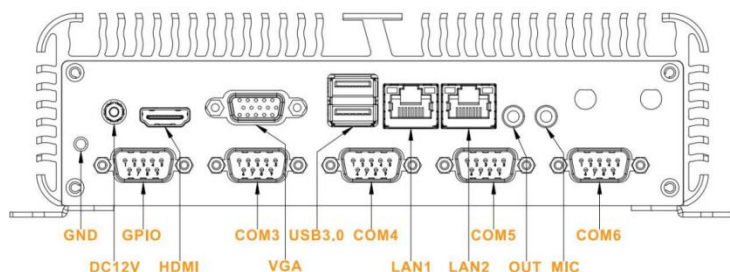
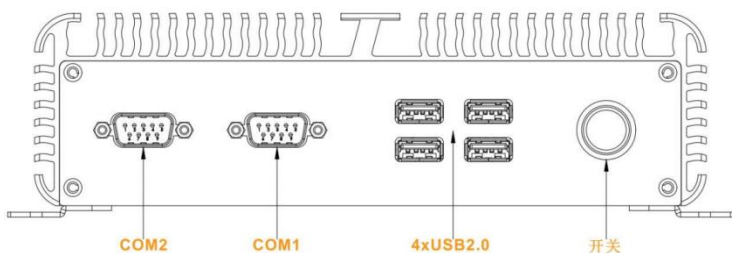
Fanless BOX-PC



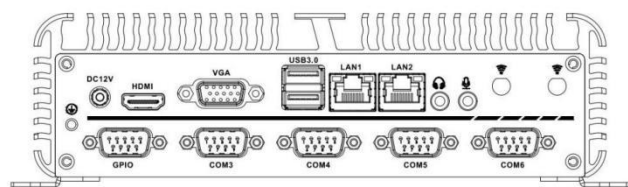
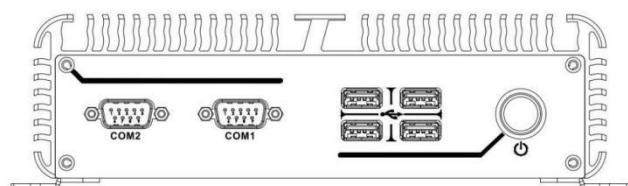
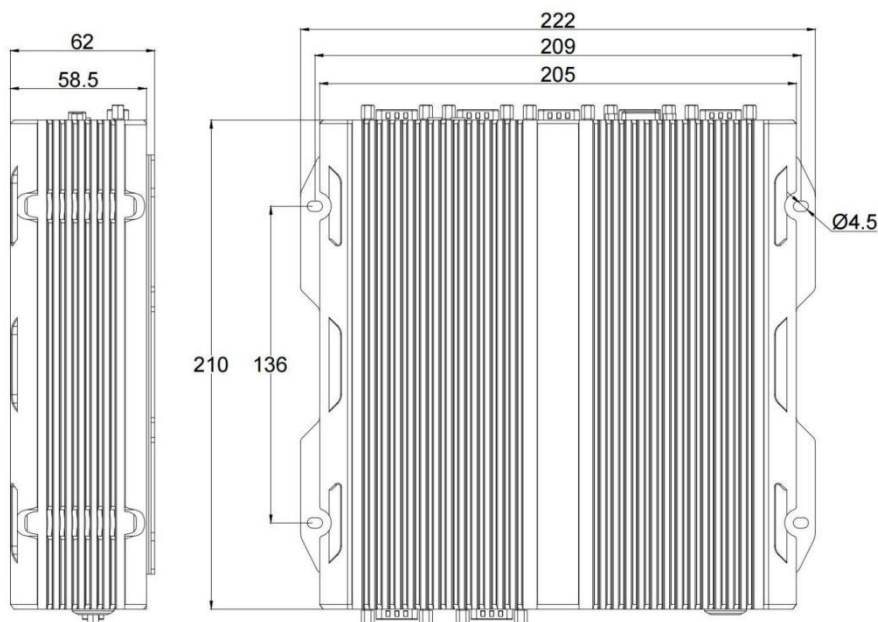
Product Features:

- 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 J6412 2.0GHz quad-core processor, compatible with Intel® Elkhart Lake full range of CPUs.
- 2 Gigabit Ethernet ports.
- 6*COM
- Supports incoming call activation.
- DC9V-36V wide voltage input (default 12V).

Schematic diagram of the interface location:



Product Dimension Drawing:



Product Specification

System Configuration

Processor Onboard Intel® Celeron J6412 2.0GHz Quad-Core Processor, compatible with Intel®

Elkhart Lake Full Range of CPUs

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*VGA
IO interface	Switchface Interface 1* Power Switch / 4*USB / 2*COM Rear IO Interface 2* LAN port / 2* USB3.0 / 1* HDMI / 1*VGA / 1* DC / 4*COM / 1*Audio
memory (unit)	1 M.2 Key-M 2280 , sata protocol / 1 SATA3.0 (the specific configuration of the entire machine memory to the actual allocation))
Extended Interface	1 MiniPCle 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 / DC9-36V wide voltage input (optional)
Installation	Recessed / Wall / Desktop Bracket	Dimensions (W*H*D)	TBD mm (naked) 210*209*58.5mm
Weight (kg)	Net weight ≈ 1.9KG / Gross weight ≈ 2.6KG	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-1006-J6412	LN-1006-I3 5005U	LN-1006-I7 6500U
LN-1006-J4125	LN-1006-I5 5300U	LN-1006-N100
LN-1006-J1900	LN-1006-I5 6300U	

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)