



Product Highlight:

- Optional Intel Celeron J4125/J6412 and Intel 8th/10th/11th Gen core i3/i5/i7 CPU.
- 2 x Intel i225V 2.5G LAN
- 2 x RS232/RS422/RS485 COM+4 x Expanded RS232 COM.
- Full Aluminum Alloy Black color shell for heat dissipation, Exquisite production crati on outside design.
- Fanless system without cooling fan, fit for industrial grade field, work as long as 24 hours.
- Installation: support desktop and wall-mounted, customized Din rail.
- Functions: AWAL, Wake On LAN, RTC, Watchdog

Basic Information:

CPU	Onboard 14nm Gemini Lake Intel Celeron J4125 2.0GHz Quad Cores Four Threads Max 2.7GHz(Turbo boost Technology) TDP 10W 4MB Cache Intel® UHD Graphics 600
	Onboard 10nm Elkhart Lake Intel Celeron J6412 2.0GHz Quad Cores Four Threads Max 2.6GHz(Turbo boost Technology) TDP 10W 1.5MB Cache Intel® UHD Graphics
	Onboard 8th Gen Whiskey Lake 14nm CPU Intel Core i5-8260U Four Cores Eight Threads 1.6GHz up to 3.9GHz(Turbo boost Technology) 6MB cache TDP 15W Intel® UHD Graphics 620.
	Onboard Intel Whiskey Lake 14nm CPU Intel Core i5-8365U 1.6GHz Max 4.1GHz (Turbo boost Technology) Four Cores Eight Threads 6MB cache TDP 15W Intel® UHD Graphics
	Onboard Intel Whiskey Lake 14nm CPU Intel Core i7-8565U 1.8GHz Max 4.6GHz (Turbo boost Technology) Four Cores Eight Threads 8MB cache TDP 15W Intel® UHD Graphics
	Onboard Intel Comet Lake Refresh Intel Core i5-10210U Processor, 6M Cache, 1.6GHz up to 4.2GHz (Turbo boost Technology) Two Cores Six Threads TDP 15W Intel® UHD Graphics
	Onboard Intel Comet Lake Refresh Intel Core i7-10510U Processor, 8M Cache, 1.8GHz up to 4.9GHz (Turbo boost Technology) 4 Cores 8 Threads TDP 15W Intel® UHD Graphics
	Onboard 11th Gen 10nm CPU Comet Lake Intel Core i5-1135G7 Four cores Eight threads 2.4GHz up to 4.2GHz 6MB cache TDP 12W Intel Iris Xe Graphics
	Onboard 11th Gen 10nm CPU Comet Lake Intel Core i7-1165G7 4 cores 8 threads 2.8GHz up to 4.7GHz 12MB cache TDP 12W Intel Iris Xe Graphics
TDP	Refer to the above CPU
Chipset	SOC
Memory	J4125/J6412: 1 x SO-DIMM DDR4 Slot, Support 4GB/8GB/16GB/32GB 8th/10th/11th: 2 x SO-DIMM DDR4 Slot, Support 4GB/8GB/16GB/32GB/64GB

OS	Windows 10, Windows 11, WES 10, Linux
Audio	Intel high definition audio controller
Network	2 x Intel(R) i225V Gigabit Network Connection 10/100Mbps/1000Mbps BaseT LAN
Video	Refer to the above CPU
Storage:	
M.2	1 x M.2 slot for SATA 2242/2260/2280 SSD
M.2	1 x M.2 slot for SATA/NVME 2280 SSD
SATA	1 x SATA3.0 slot for SATA HDD or SSD, support 6Gb/s
Wi-Fi:	
Module	1 x M.2 2230 slot for Wi-Fi & Bluetooth module 1 x M.2 3042/3052 slot for 3G/4G/5G/Wi-Fi module
Antenna	5 x inner RF cables and 5 x external antennas
Input/output port:	
Switch	1 x Power On/Off Switch
Power	1 x 4pin phoenix terminal power supply input, support 9~36V
EXT IO	1 x Integrated 4-way 3-wire COM, 10-way GPIO, 1 x Remote Switch
COM	2 x RS232/RS422/RS485 COM, 4 x Expanded RS232 COM
USB	J4125/J6412: 4 x USB3.0, 2 x USB2.0, 8th/10th/11th: 2 x USB3.0, 4 x USB2.0
ATX	1 x ATX
Display	1 x HDMI 1.4
LAN	2 x RJ45 Intel 2.5G LAN(support four extended network ports)
SIM	1 x embedded SIM card slot onboard
Audio	1 x Audio



Power and Working Environment:	
Input	DC100-240V AC/50-60Hz
Output	9V~36V
Operating Temperature	-20°C/+60°C Centigrade
Storage Temperature	-30/+70 Centigrade
Relative Humidity	10%~90%@30°C(non-condensing)
Product Dimension & Details:	
Functions	AWAL, Wake On LAN, RTC, Watchdog
Size	300*155*50mm
Weight	Net 1.8kg, Gross 2kg
Shell	Black color aluminum alloy(any customized color for bulk order)
Mounting	4 Mounting holes on case
Cooling Mode	Fanless, without a cooling fan
Package Content :	
Standard	1xMini PC, 1xPower Adapter, 1xPower Cord, 1xScrews Bag, extend ports cable (Pay extra)
Warranty	1 Year Standard Warranty (Carry-in)

