

Industrial Mini PC GB2000

Fanless Industrial Mini PC GB2000 Specification

Product Highlight:

- Fanless system without cooling fan, Brushed Full Aluminum Alloy shell for heat dissipation, fit for industrial grade field, work as long as 24 hours.
- High-end Industrial PC less than 1% defective rate, super long lifetime and 3 years warranty.
- 2 Intel i201/i211 Gigabit RJ45 LANs, 6 DB9 COM, 4 COM support RS422/RS485, PS/2, GPIO and LPT rich interfaces for different equipments.
- **One embedded SIM card slot onboard for 3G/4G Wi-Fi module.**
- Support VGA + HDMI dual display output synchronously.
- Support Watchdog, AWAL, RTC, WOL, PXE, Reset functions.

Basic Information:

- CPU**
1. Onboard **Intel SKYLAKE 14nm CPU Intel Core i5-5287U 2.9GHz Max 3.3GHz** Dual Cores Four Threads 3MB cache TDP 28W Intel® Iris® Graphics 6100.
 2. Onboard **Intel KABYLAKE 14nm CPU Intel Core i5-7267U 3.1GHz Max 3.5GHz**(Turbo boost Technology) Dual Cores Four Threads 4MB cache TDP 28W Intel® Iris® Plus Graphics 650.
 3. Onboard **Intel KABYLAKE 14nm CPU Intel Core i5-8250U 1.6GHz Max 3.4GHz Quad Core Eight Threads 6MB cache TDP 15W Intel® UHD Graphics 620.**
 4. Onboard **Intel Comet Lake Refresh Intel Core i5-10210U Processor, 6M Cache, 1.6GHz up to 4.20GHz**(Turbo boost Technology) Quad Cores 6 Threads TDP 15W Intel® UHD Graphics
 5. Onboard **Intel Comet Lake Refresh Intel Core i7 10510U Processor, 8M Cache, 1.8GHz up to 4.90GHz**(Turbo boost Technology) Quad Cores 8 Threads TDP 15W Intel® UHD Graphics

TDP	Refer to CPU
Chipset	Refer to CPU
BOIS	American Megatrends Inc
Memory	2 x SO-DIMM DDR4 Slot Support 4GB/8GB/16GB/32GB
OS	Windows 7/Windows 8/Windows 10/Linux, WES7/10
Audio	Intel High Definition Audio Controller
Network	Intel(R) i210/i211 Gigabit Network Connection 10/100Mbps/1000Mbps BaseT LAN
Video	Refer to CPU

Storage:

M.2/Msata	1 x M-SATA3.0 slot for MSATA SSD, support 6Gb/s 1 x M.2 slot for NVME 2280 SSD, support 6Gb/s
SATA	1 x SATA3.0 slot for SATA HDD or SSD, support 6Gb/s

Wi-Fi:

Module	1 x mini PCIE-half port for Wi-Fi/Bluetooth module 1 x mini PCIE-full port for 3G/4G/Wi-Fi/Bluetooth module 1 x Extended IO, support LPC, USB, PCIE
Antenna	2 x inner RF cables and 2 x external antennas

Input/output port:

Switch	1 x Power On/Off Switch
Power	1 x 3pin phoenix terminal power supply input, support 9~36V
Button	1 x ATX/AT quick switch
PS/2	1 x PS/2(keyboard and mouse 2 in 1)
USB	4 x USB3.0, 2 x USB2.0
Display	1 x VGA, 1 x HDMI
LAN	2 x Intel GbE RJ45 LAN
Audio	1 x MIC, 1 x SPK
COM	6 x DB9 COM(4xCOM support RS422/RS485)
GPIO	1 x GPIO(7pin input, 7pin output)
SIM	1 x embedded SIM card slot onboard
Others	1 x Reset, 1 x CMOS clear button, 1 x 2pin Phoenix terminal power supply input

Power and Working Environment:

Input	DC100-240V AC/50-60Hz
Output	DC +9V~+36V, recommend 12V/5A
Operating Temperature	0/+60 Centigrade
Storage Temperature	-20/+70 Centigrade
Relative Humidity	10%~90%@30 Centigrade (non-condensing)

Product Dimension & Details:

Functions	PEX, Watchdog, One key reset, AWAL, RTC, WOL(ATX mode)
Size	249*150*86mm
Weight	NW 2.2KG, GW 3.5KG
Shell	Black color PVP top and aluminum alloy body
Mounting	4 mounting holes on case
Cooling Mode	Fanless

Package Content:

Standard	1xMini PC, 1xPower Adapter, 1xPower Cord, 1xScrews Bag
Optional	Wi-Fi antennas, 1xHDMI cable, 1xUser Manual, 1xLong Screws Bag

Products images

