

OEM & ODM Mini PC Manufacturer



KC-YBG2XN3520

CPU: Onboard Intel Pentium N3520 2.17GHz Four Core
Four Threads Max 2.42GHz(Turbo boost Technology)

Product Highlight:

- 2 Intel i211 Gigabit RJ45 LANs, 2 COM can change to RS232/RS422/RS485 from BIOS.
- One micro SIM card slot with PUSH function for 4G Module.
- Support VGA + HDMI 1.4 dual display output synchronously.
- Support 256-level Watchdog, 8-bit GPIO, Auto power on.
- Full Aluminum Alloy Black color shell for heat dissipation, Exquisite production craft on outside design.
- Fanless system without cooling fan, fit for industrial grade field, work as long as 24 hours.
- Low consumption TDP only 7.5W and can be mounted on the wall.



Basic Information:

CPU	Intel Pentium N3520 / Intel Celeron N2920
TDP	7.5W
Motherboard	Intel CRESCENTBAY (Lynx Point-LP), Support GPIO
BIOS	AMI BIOS, ACPI supported
Chipset	Intel BTY SOC
Memory	1 x SO-DIMM DDR3L Slot, Support 4GB/8GB DDR3L 1333
OS	Windows 7/Windows 8/Windows 10/Linux
PXE	YES
Audio	ALC662 HD Audio, 6 channel sound
Network	Onboard Intel i211 Gigabit Network Connection 10/100Mbps/1000Mbps BaseT LAN
Video	Intel Haswell- ULT Integrated Graphics Controller Intel HD Graphics

Wi-Fi:

Module	1 x mini PCIE-half port for WiFi module 1 x mini PCIE-full port for 3G/4G module
Antenna	2 x inner RF cables and 2 x external antennas

Power and Working Environment:

Input	100-240V AC/50-60Hz
Output	12V/5A
Operating Temperature	-10/+60 Centigrade(22°F~130°F)
Storage Temperature	-20/+80 Centigrade (-68°F~176°F)
Relative Humidity	10%~90% (non-condensing)

Input/output port:

Switch	1 x Power On/Off Switch
Power	1 x 12V DC In
LED	1 x LED
USB	4 x USB2.0, 2 x USB3.0
Display	1 x VGA, 1 x HDMI 1.4
LAN	2 x RJ45 Intel Giga LAN
COM	2 x RS232/RS422/RS485(convert from BIOS)
SIM	1 x micro SIM slot with PUSH function(on the side)
Audio	1 x MIC, 1 x SPK

Storage:

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

Product Dimension & Details:

Size	175*125*37mm
Weight	Net 0.5kg, Gross 1.5kg
Shell	Black color aluminum alloy
Mounting	4 Mounting holes on case
Cooling Mode	Fanless
Functions	256-level Watchdog, 8-bit GPIO, Auto power on.

Package Content:

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



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