

OEM & ODM Mini PC Manufacturer



KC-YBG3XJ4125

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.

KC-YBG3X6157U

CPU: Onboard Intel SKYLAKE 14nm CPU Intel Core
i3-6157U 2.4GHz Dual Cores Four Threads 3MB cache
TDP 28W Intel® Iris® Graphics 550.

Product Highlight:

- One embedded SIM card slot for 3G/4G Module.
- 2 Intel i211 Gigabit RJ45 LAN and 6 RS232 COM.
- Support Watchdog, Auto power on, RTC, PXE boot, Wake On LAN, State lamp interface, Trigger switch(wafer 1*2).
- Brushed full aluminum alloy silver color shell for heat dissipation, fanless system without cooling fan, work as long as 24 hours, fit for industrial grade field such as terminal kiosk, vending machine, POS, ATM, etc.
- Support VGA + HDMI 1.4 dual display output synchronously.



Basic Information:

CPU	Intel Celeron J4125 / Intel Core i3-6157U
TDP	Refer to CPU
Motherboard	Intel CRESCENTBAY (Lynx Point-LP)
BIOS	AMI BIOS, ACPI supported
Chipset	Intel BTY SOC
Memory	1 x SO-DIMM DDR4 Slot J4125, up to 8GB DDR4, up to 2400MHZ 6157U, up to 32G DDR4, up to DDR4-2133, LPDDR3-1866, DDR3L-1600
OS	Win10
PXE	YES
Audio	ALC662 HD Audio, 6 channel sound
Network	Onboard Intel i211 Gigabit Network Connection 10/100Mbps/1000Mbps BaseT LAN
Video	Refer to CPU

Storage:

MSATA	1 x M-SATA3.0 slot for MSATA SSD
SATA	1 x SATA3.0 slot for SATA HDD or SSD

Power and Working Environment:

Input	100-240V AC/50-60Hz
Output	12V~+19V, recommend 12V/5A
Operating Temperature	0/+60Centigrade
Relative Humidity	10%~90% (non-condensing)
Storage Temperature	-20/+85 Centigrade
Relative Humidity	0%~50% (non-condensing)
MTBF	MTBF = 50,000h
Vibration frequency (5~ 200 Hz)	(1g) acceleration amplitude (0.5mm)
Impact	Acceleration (10g) duration (11MS)

Input/output port :

Switch	1 x Power On/Off Switch
Power	1 x 12V DC In
LED	2 x LED
USB	4 x USB3.0, 2 x USB2.0
Display	1 x VGA, 1 x HDMI 1.4
LAN	2 x RJ45 Intel Giga LAN
COM	6 x RS232 COM
Audio	1 x MIC, 1 x SPK
Others	1 x embedded SIM card slot onboard

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

Product Dimension & Details:

Size	180*120*52.5mm
Weight	Net 1.05kg, Gross 2.0kg
Shell	Silver color aluminum alloy(any customized color for bulk order)
Cooling Mode	Fanless
Functions	Watchdog, Auto power on, RTC, PXE boot, Wake On LAN

Package Content :

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



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