

OEM & ODM Mini PC Manufacturer



KC-YBG7X8140U

CPU: Onboard 8th Gen Coffee Lake 14nm CPU Intel Core i3-8140U
Dual Cores Four Threads 2.1GHz up to 3.9GHz(Turbo boost
Technology) 4MB cache TDP 15W Intel UHD Graphics 620.

KC-YBG7X8265U

CPU: Onboard 8th Gen Whiskey Lake 14nm CPU Intel Core i5-8265U
Four Cores Eight Threads 1.6GHz up to 3.9GHz(Turbo boost
Technology) 6MB cache TDP 15W Intel® UHD Graphics.

Product Highlight:

- Brushed Full Aluminum Alloy Black/Silver color shell, fanless system without cooling fan, no any noise, work as long as 24 hours.
- 1 x SO-DIMM DDR4 slot max 32GB RAM.
- 6 x RJ45 Intel 2.5G LANs and 2 x RS232 COM ports.
- Can install MSATA SSD+2.5" SATA HDD together.
- One embedded SIM card slot onboard for 3G/4G Wi-Fi.
- Low consumption can save much energy and eco-friendly.
- Support Watchdog, AWAL, RTC, WOL, PXE, Reset functions.



Basic Information:

CPU	Onboard Intel Core i3-8140U / Intel Core i5-8265U
TDP	15W
Motherboard	150 x 150mm customized size
BIOS	American Megatrends Inc.5.12
Chipset	Intel Sunrise Point-LP, Intel Kaby Lake-U
Memory	1 x SO-DIMM DDR4 Slot Support 4GB/8GB/16GB/32GB DDR4-2400, LPDDR3-2133
OS	Windows® 7/8/10, WES 7/10, LINUX
PXE	YES
Audio	Intel Kaby Lake HDMI @ Intel Sunrise Point-LP PCH - High Definition Audio Controller
Network	Onboard Intel i225-V 2.5G Network Connection
Video	Refer to the above CPU

Wi-Fi:

Module	1 x mini PCIE-full/mini PCIE-half port for 3G/4G/Wi-Fi module(USB WIFI protocol)
Antenna	2 x inner RF cables and 2 x external antennas

Power and Working Environment:

Input	100-240V AC/50-60Hz
Output	12V~+19V, recommend 12V/5A
Operating Temperature	-20°C/+60°C
Storage Temperature	-30°C/+70°C
Relative Humidity	0%~90%@30°C(non-condensing)

Input/output port:

Switch	1 x Power On/Off Switch
Power	1 x 12V DC In
LED	1 x Power LED, 1 x HDD LED
USB	4 x USB3.0
Display	1 x HDMI 1.4
LAN	6 x RJ45 Intel 2.5G LANs
COM	1 x DB9 RS232 COM, 1 x RJ45 RS232 COM
SIM	1 x embedded SIM card slot onboard
Others	1 x Reset button

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	209*150*57mm
Weight	Net 1.35kg, Gross 2.5kg
Shell	Black/Silver color aluminum alloy(any customized color for bulk order)
Mounting	4 mounting holes on case
Cooling Mode	Fanless
Functions	Watchdog, AWAL, RTC, WOL

Package Content:

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



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