

OEM & ODM Mini PC Manufacturer



KC-YBP1X7920HQ

CPU: Onboard 7th Gen 14nm CPU Kaby Lake Intel Core i7-7920HQ 4 cores 8 threads 3.1GHz up to 4.1GHz 8MB cache TDP 45W Intel® HD Graphics 630.

Product Highlight:

- 6 x RS232 COM(COM 1/COM 2 support RS485/RS442).
- 4 x GbE RJ45 Intel i210/i211, support POE.
- Intel 7th Gen Core i5/i7-HQ CPU optional.
- 2 x SODIMM DDR4 memory slot up to 32GB stronger performance.
- Rugged full aluminum alloy black color shell better for heat dissipation.
- Can install M.2 SSD+MSATA SSD+2.5" SATA HDD together.
- Support 3 displays with HDMI , VGA and DP interfaces, Enjoy 4K Ultra HD videos.
- Support dual PCI, dual PCIE x4 or PCI x4+PCI(optional).
- Support One-key recovery, Watchdog, PXE.
- Installation: Support desktop and wall-mounted.



Basic Information:

CPU	Onboard Intel Core i7-7920HQ
TDP	45W
BIOS	AMI BIOS, ACPI supported
Chipset	Kaby Lake
Memory	2 x SO-DIMM DDR4 Slot Support 4GB/8GB/16GB/32GB DDR4-2400, LPDDR3-2133
OS	Windows 7/10, WES 7/10, LINUX
PXE	YES
Audio	ALC892 chip, 6 channel sound, Intel Lynx Point-LP HDA
Network	4 x GbE RJ45 Intel i211/i210 Support POE, support 802.3AF (2 pairs of 13W), 802.3AT (2 pairs of 30W), 802.3BT (4 pairs of 30W)
Video	Intel® HD Graphics 630

Wi-Fi:

Module	1 x Mini-PCIe half/full(with SIM card slot), support 3G/4G module, WIFI, Bluetooth 4 x PCI, 1 x PCIe x8, 2 x PCIe x4(optional)
Antenna	2 x inner RF cables and 2 x external antennas

Power and Working Environment:

Input	100-240V AC/50-60Hz
Output	4pin aerial plug power socket, support 9-36V power input
Operating Temperature	-20°C +50°C
Storage Temperature	-30°C~70°C
Relative Humidity	10%~90% @30°C(non-condensing)

Input/output port :

Switch	1 x Power On/Off Switch
Power	1 x 4pin aerial plug power socket, support 9-36V power input
PS2	1 x PS2 (keyboard and mouse combo)
USB	6 x USB3.0, 2 x USB2.0
GPIO	14 x GPIO (7 inputs, 7 outputs)
Display	1 x HDMI, 1 x VGA, 1 x DP
LAN	4 x RJ45 Giga LAN
Audio	1 x MIC, 1 x SPK
COM	6 x DB9 COM (COM 1/COM 2 support RS485/RS422)
Reset	1 x Reset Button
CMOS	1 x Clear CMOS Button
AXT/AT	1 x DIP switch, support ATX/AT boot mode selection

Storage:

MSATA	1 x M-SATA3.0 slot for MSATA SSD, support 6Gb/s
M.2	1 x M.2 slot for M.2 SSD, only support NVME 2280 SSD
SATA	2 x SATA3.0 slot for SATA HDD or SSD, support 6Gb/s (Only space for 1 x 2.5" SATA HDD/SSD)

Product Dimension & Details:

Size	310*203*125mm
Weight	Net 4.6kg, Gross 5kg
Shell	Black color aluminum alloy
Cooling Mode	Fanless without cooling fan
Functions	One-key recovery, Watchdog, PXE

Package Content :

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



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