



Embedded Box PC with onboard high-end AMD Ryzen 5000 series processor, 2 x LAN, 1 x HDMI, 1 x DP port, 1 x type C display

■ Features

- Onboard high-end AMD Ryzen 5000 series 7nm Processor with powerful computing performance
- TPM2.0, PXE, RTC, Wake on LAN, Auto power on
- Onboard AMD Radeon™ VEGA Graphics with fast graphics processing capabilities for gaming and 3D design
- 2 x SODIMM DDR4 RAM slot up to 64GB, large capacity and high frequency memory
- HDMI2.0, DP1.4 and Type-C for 3x4K@60Hz video display synchronously and asynchronously
- 2 x M.2 2280 SATA/PCIE/NVMe SSD, 1 x 2.5" SATA HDD/SSD
- 2.5G & 1G Dual RJ45 LAN
- M.2 2230 2.4G/5G Dual band AC(AX) Wi-Fi/Bluetooth
- PD3.0 15W fast charge, USB3.2
- Onboard a powerful copper fan for heat dissipation, keep the computer stable working 7x24 hours

■ Specifications

Display

Graphics Display	AMD Radeon 8 Graphics / AMD Radeon Graphics 1 x DP1.4 1 x HDMI2.0 1 x Type-C (DP/USB 3.2) (4K 60Hz)(PD3.0/120W/20V-5A)
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I/O Connector

USB	2 x USB3.2, 4 x USB2.0
LAN	2.5G RJ45 LAN, 1G RJ45 LAN
LED	1 x LED
Audio	1 x Audio(MIC&SPK) Azalia Codec 2.1 channel output High Definition Audio Controller
Network	1000Mb-RTL8111H + 2.5Gb-RTL 8125B 1000M-2500Mbps Base-T LAN
Wi-Fi Module	1 x M.2 NGFF 2230(Key E) slot for Wi-Fi module (2.4G/5G Wi-Fi B/G/N/AC or Bluetooth5.0), Wi-Fi6 module
Antenna	2 x inner RF cables

Power

Switch Power	1 x Power On/Off Switch 19V DC/6.32A, 5.5/2.5mm
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System

CPU	AMD Ryzen 7 5800U AMD Ryzen 5 5500U
Chipset	Controller
Memory	2 x SODIMM-DDR4 Slot DDR4 UP TO 3200MHz, LPDDR4
TDP	15W
OS Support	Windows10/Windows10 pro/Windows11/ Ubuntu/Linux
Storage	2 x M.2 2280 SATA/PCIE/NVMe SSD, up to 2TB 1 x SATA3.0 slot for SATA HDD or SSD
Functions	TPM2.0, PXE, RTC, Wake on LAN, Auto power on

Environment

Operating Temperature	-10°C to 70°C
Storage Temperature	-25°C to 85°C
Relative Humidity	10% ~ 90%(non-condensing)

Physical

Construction Material	Aluminum Alloy+ABS
Dimensions(W x H x D) (mm)	150 x 40 x 145
Net Weight	Net 0.6 KG
Gross Weight	1.5 KG
Cooling Mode	Power Cooling Fan
Package	1xMini PC, 1xPower Adapter, 1xPower Cord, 1xScrews Bag 1xHDMI cable(Optional)

■ Product View



■ Ordering Codes

Model Number	Description
CBX-D520-R7/8GB/500GB/Linux	With Ryzen 7-5800U, 8GB RAM, 500GB SSD, Linux
CBX-D520-R5/8GB/500GB/Linux	With Ryzen 5-5500U, 8GB RAM, 500GB SSD, Linux

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