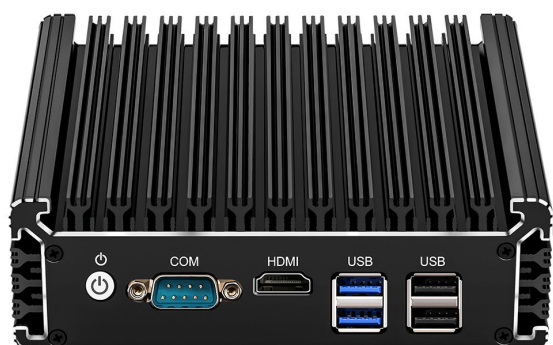
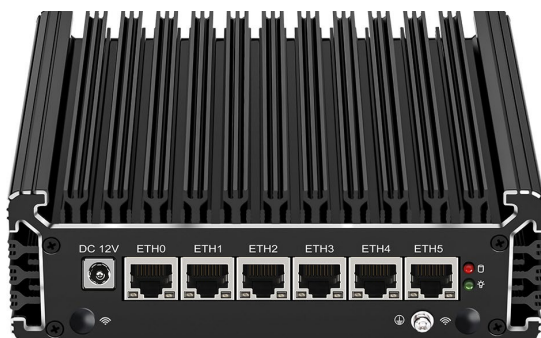
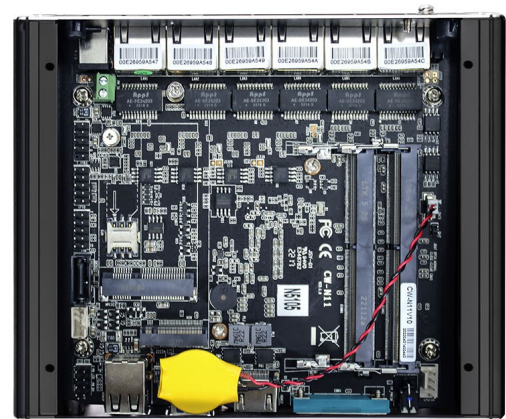




Fanless Mini Box PC Based on Intel Celeron N5105 with Six 2.5G Ethernet Ports

Main Features:

- 11st Gen. Intel Celeron N5105 processor up to 2.9GHz
- TDP 10W low power consumption
- 2 x DDR4 memory up to 64GB
- 1 x M.2 2280 NVME/PCIe3.0 x1, 1 x SATA 3.0 for 2.5" HDD/SSD for storage
- 6 x 2.5G Ethernet port, 2 x USB 3.0, 2 x USB 2.0, 1 x HDMI, 1 x RS232, 1 x Mini PCIe
- Support PVE/ESXi/UNRAID virtualization platform and (VT-x)/(VT-d) virtualization technology
- Application: Office computer, soft routing, virtualization, thin client, edge computing, visual inspection, industrial control, cloud server



Specification:

System	
CPU	Intel Celeron N5105, 2.0GHz-2.9GHz, 4 cores, 4 threads, 4M cache (10nm TDP 10W)
Memory	2 x SO-DIMM DDR4 2400MHz/2666MHz/2933MHz, Max. 64GB
Storage	1 x M.2 2280 NVME/PCIe3.0 x1, 1 x SATA 3.0 for 2.5" HDD/SSD
GPU	Intel UHD Graphics 450MHz-800MHz
Network	6 x Intel i225-V B3 (2.5G network card)
OS	Windows 10, Windows 11, Ubuntu, pfSense, OPNsense, etc.
I/O Interfaces	
LAN	6 x 2.5G RJ45 network port
Wireless Network	1 x Mini PCIe, Wi-Fi/4G/3G optional
Display	1 x HDMI
USB	2 x USB 3.0, 2 x USB 2.0
Serial Port	1 x RS232
Power Supply	DC 12V-3A/5A
Mechanical & Environmental	
Enclosure Material	Aluminum
Cooling	Fanless, copper block and cooling holes at the bottom for heat dissipation
Mounting	VESA mounted or put behind a display screen
Dimension	161mm(W) x 125mm(D) x 50.5mm(H)

ABOUT POLYHEX

As a board level and system level designer and manufacturer, Polyhex, with 12-year experience, always delivers best-in-class embedded computing solutions based on both ARM and X86 architecture, including hardware customization and software debugging etc. Partnered with silicon vendors like Intel, NXP, ST, Rockchip, Allwinner and so on, we have earned trust from clients worldwide in over 30 countries. Polyhex is also certified with ISO9001 and ISO13485 for the self-owned manufacture facility.

