



MicroBox-7521B-K01

Fanless Compact Industrial Computer with Intel 12th Gen N-Series CPU, Fanless, 24V DC



without WIFI

with WIFI

Features

- Intel 12th Gen N200/i3-N305 CPU
- Up to 16GB DDR4 SO-DIMM
- M.2 NVMe SSD Storage Option
- 1 x 2.5 Gigabit, 1 x Gigabit
- DP + HDMI Dual Display Ports
- 3 x USB 3.2, 1 x USB 2.0
- 24V DC Operating Input Voltage
- Powerd by 802.3bt PoE option
- ThinManager WIFI Boot option

Specifications

Model Name	MicroBox-7521B-K01
System	
CPU	Intel N200 / N305
Chipset	Alder Lake
Memory	Up to 16GB DDR4 SO-DIMM
Video Controller	Intel UHD Graphics 24EUs
Video Interface	4K Resolution
Storage Option	M.2 NVMe SSD
C Fast	Optional
Keyboard/Mouse Interface	USB
Audio	LINE OUT, MIC
Watchdog Timer	YES
Remote Boot	ThinManager
Expansion Slot	N/A
I/O Communication	
USB Port	3 x USB 3.2, 1 x USB 2.0
Serial Port	N/A
IEEE 1394	N/A
LAN	1 x 2.5 Gigabit, 1 x Gigabit
Parallel	N/A
GPIO	N/A
Smart Battery	
External Smart Battery	N/A
OS Support	
OS Support	Windows 10/11
Power / Thermal Specs	
Power Requirement (Max)	24VDC / 1.3A or Powered by PoE 802.3bt
Power Consumption (Max)	31W
Recommended Power Supply	24VDC / 2.0A or Powered by PoE 802.3bt
Heat Dissipation	106 BTU/Hr
Physical Information	
Mounting	Wall Mount
Net Weight	2.2 Lbs / 1.0 Kg
Dimension (W x H x D)	7.72 x 1.89 x 4.87 inch 196 x 48 x 123.7 mm
Environmental	
Operating Temperature	0~50°C (32~122°F)
Storage Temperature	-20~60°C (-4~140°F)
Relative Humidity	0~95%
IP/NEMA Rating	meets IP50
Certification	

Ordering Information

Item	MicroBox-7521B-K01-003	MicroBox-7521B-K01-031-300
CPU	N200 CPU	Intel i3-N305 CPU
Memory	4GB DDR4	16GB DDR4
Storage	N/A	M.2 NVMe SSD
Remote Boot	ThinManager Ready	N/A
Power Supply	60W Input Power Adaptor	60W Input Power Adaptor
Operating System	N/A	Optional

Item	MicroBox-7521B-K01-A02	MicroBox-7521B-K01-A30-300
CPU	N200 CPU	Intel i3-N305 CPU
Memory	4GB DDR4	16GB DDR4
Storage	N/A	M.2 NVMe SSD
Remote Boot	ThinManager Ready	N/A
Power Supply	Powered by PoE	Powered by PoE
Operating System	N/A	Optional

Item	MicroBox-7521B-K01-003-001	MicroBox-7521B-K01-031-301
CPU	N200 CPU	Intel i3-N305 CPU
Memory	4GB DDR4	16GB DDR4
Storage	N/A	M.2 NVMe SSD
Remote Boot	ThinManager Ready	N/A
Power Supply	60W Input Power Adaptor	60W Input Power Adaptor
Operating System	N/A	Optional
WIFI	802.11AX WIFI 6	802.11AX WIFI 6