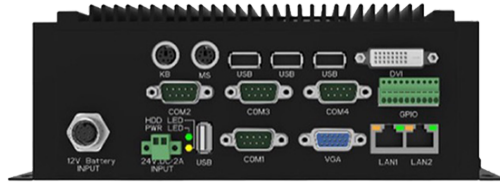




MicroBox-7824B-C01

Fanless Compact Industrial Computer with Intel Atom N2800 CPU, Fanless, 24VDC, mPCIe Expansion Slot, Smart Battery Option



Features

- Intel N2800 1.86GHz Dual Core Atom CPU
- Up to 4GB DDR3 SO-DIMM
- 2.5" HDD, SSD and SATA DOM Storage Option
- Dual Gigabit Ethernet
- VGA + DVI Dual Display Ports
- 4 x USB 2.0
- 1 x RS-232/422/485, 3 x RS-232
- 4-bit DI, 4-bit DO
- 24VDC Operating Input Voltage
- External Smart Battery Option

Specifications

Model Name	MicroBox-7824B-C01
System	
CPU	Intel N2800 1.86GHz ATOM CPU
Chipset	NM10
Memory	Up to 4GB DDR3 SO-DIMM
Video Controller	Intel Integrated Graphic Controller
Video Interface	VGA & DVI
Storage Option	SATA DOM, 2.5" HDD, 2.5" SSD
Compact Flash	N/A
Keyboard/Mouse	USB / PS2
Audio	N/A
Watchdog Timer	YES
Remote Boot	PXE
Expansion Slot	Mini PCIe x 1
I/O Communication	
USB Port	4 x USB 2.0
Serial Port	1 x RS-232/422/485, 3 x RS-232
IEEE 1394	N/A
LAN	2 x Gigabit
Parallel	N/A
GPIO	4 x DI, 4x DO
Smart Battery	
External Smart Battery	Optional
OS Support	
OS Support	Win7 Pro, Win Embedded 7
Power / Thermal Specs	
Power Requirement (Max)	24VDC / 0.7A
Power Consumption (Max)	17 W
Recommended Power Supply	24 W
Heat Dissipation	58 BTU/hr
Physical Information	
Mounting	Wall Mount, DIN-Rail Mount
Net Weight	5.1 Lbs / 2.3Kg
Dimension (W x H x D)	8.84 x 3.16 x 5.50 inch 224.4 x 80.2 x 139.7 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	FCC, CE, UL 61010

Ordering Information

Item	MicroBox-7824B-C01-011-DR	MicroBox-7824B-C01-031-DR
CPU	N2800 ATOM CPU	N2800 ATOM CPU
Memory	4GB DDR3	4GB DDR3
Storage	2.5" SATA HDD	2.5" SATA SSD
Remote Boot	N/A	N/A
Power Supply	110/220VAC Input DIN-Rail	110/220VAC Input DIN-Rail
Operating System	Optional	Optional