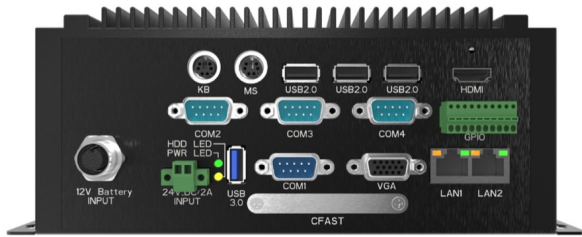




MicroBox-7824B-E01/H01

Fanless Compact Computer with Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU, Intel i7-6600U CPU, Fanless, 24VDC



Features

- Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU; Intel i7-6600U CPU
- Up to 8GB DDR3 / Up to 16GB DDR4 SO-DIMM
- 2.5" SSD and SATA DOM Storage Option
- Dual Gigabit Ethernet
- VGA + HDMI Dual Display Ports
- 4 x RS-232/422/485 BIOS Selectable
- 1 x USB 3.0, 3 x USB 2.0
- 4-bit DI, 4-bit DO
- 24VDC Operating Input Voltage
- External Smart Battery Option

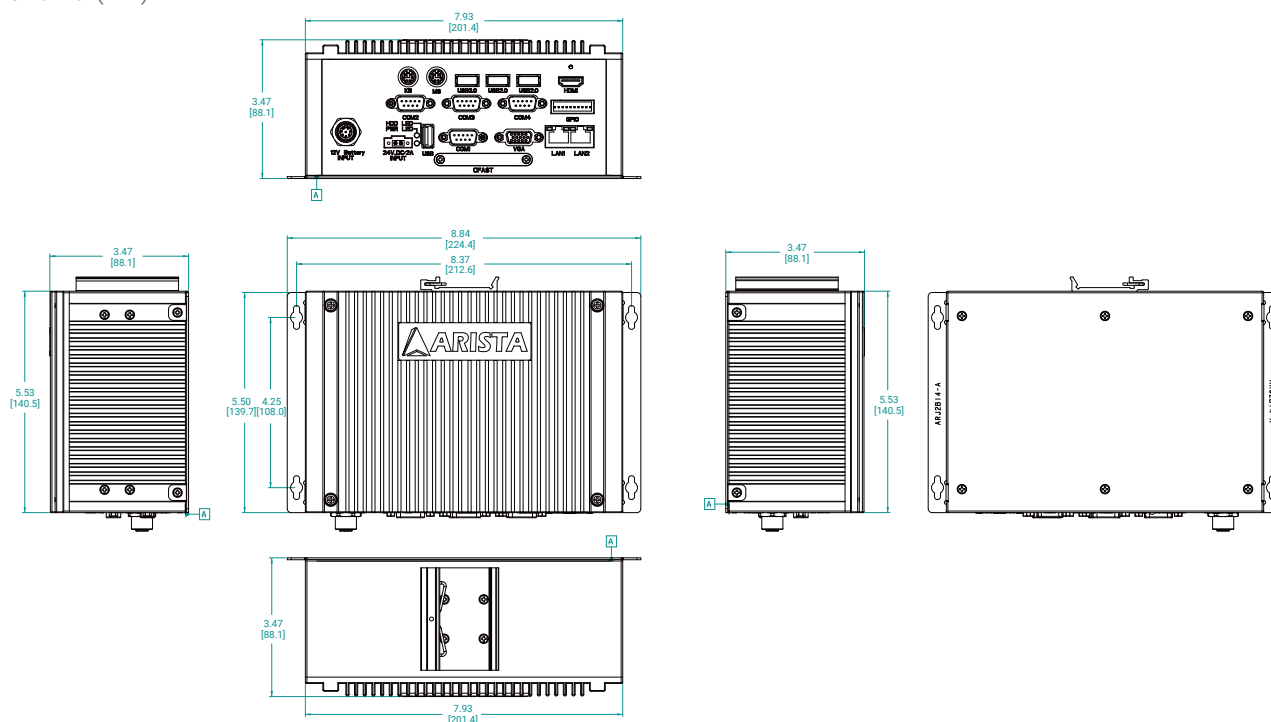
Specifications

Model Name	MicroBox-7824B-E01	MicroBox-7824B-H01
System		
CPU	Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU	Intel i7-6600U CPU
Chipset	Bay Trail	Skylake
Memory	Up to 8GB DDR3 SO-DIMM	Up to 16GB DDR4 SO-DIMM
Video Controller	Intel Gen7 Intel Graphics DX 11, OGL3.2	Intel HD Graphics 520
Video Interface	VGA & HDMI	VGA & HDMI
Storage Option	2.5" SSD	2.5" SSD
CFast	Optional	Optional
Keyboard/Mouse	USB / PS2	USB / PS2
Audio	N/A	N/A
Watchdog Timer	YES	YES
Remote Boot	ThinManager Ready, PXE	PXE
Expansion Slot	Mini PCIe x 2	Mini PCIe x 1
I/O Communication		
USB Port	1 x USB 3.0, 3 x USB 2.0	1 x USB 3.0, 3 x USB 2.0
Serial Port	4 x RS-232/422/485 BIOS Selectable	4 x RS-232/422/485 BIOS Selectable
IEEE 1394	N/A	N/A
LAN	2 x Gigabit	2 x Gigabit
Parallel	N/A	N/A
GPIO	4 x DI, 4x DO	4 x DI, 4x DO
Smart Battery		
External Smart Battery	Optional	Optional
OS Support		
OS Support	Windows 7 & 10	Windows 10
Power / Thermal Specs		
Power Requirement (Max)	24VDC / 0.7A	24VDC / 2.0A
Power Consumption (Max)	17 W	48 W
Recommended Power Supply	24 W	68 W
Heat Dissipation	58 BTU/hr	164 BTU/hr
Physical Information		
Mounting	Wall Mount, DIN-Rail Mount	Wall Mount, DIN-Rail Mount
Net Weight	5.1 Lbs / 2.3Kg	5.1 Lbs / 2.3Kg
Dimension (W x H x D)	8.83 x 3.47 x 5.50 inch 224.4 x 80.2 x 139.7 mm	8.83 x 3.47 x 5.50 inch 224.4 x 80.2 x 139.7 mm
IP/NEMA Rating	meets IP50	meets IP50
Certification	FCC, CE, UL 61010	UL 61010
Environmental		
Operating Temperature	0~50°C (32~122°F)	0~50°C (32~122°F)
Storage Temperature	-20~60°C (-4~140°F)	-20~60°C (-4~140°F)
Relative Humidity	0~95%	0~95%

Dimension Drawing

MicroBox-7824B-E01

Size Unit: inch(mm)



Ordering Information

Item	MicroBox-7824B-E01-003-DR	MicroBox-7824B-E01-P03-DR
CPU	Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU	Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU
Memory	4GB DDR3	4GB DDR3
Storage	N/A	N/A
Remote Boot	ThinManager Ready	PXE
Power Supply	110/220VAC Input DIN-Rail	110/220VAC Input DIN-Rail
Operating System	N/A	N/A

Item	MicroBox-7824B-E01-031-DR	MicroBox-7824B-H01-031-700-DR
CPU	Intel Celeron J1900 @ 1.99GHz / Atom E3845 @ 1.91GHz CPU	Intel i7-6600U CPU
Memory	8GB DDR3	16GB DDR4
Storage	2.5" SATA SSD	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