

IBX-660

Ultrahigh storage capacity embedded system for smart factory and harsh environment



Features

- » Four 2.5" removable drive bays, and maximum storage capacity support up to 8TB
- » 32GB eMMC (storage & boot)
- » Rugged design with high resistance to vibration and impact
- » Dust-resistant and fanless design
- » Wide operating temperature range: -40°C ~ 50°C (-40°F ~ 122°F)

Specifications

Form factor	
SBC Form Factor	*CPU: Intel® Atom™ E3845 quad-core 1.91GHz
	*Chipset: SoC
	*Memory:
	2 x 204-pin DDR3L SO-DIMM. 8GB pre-installed (system max. 8GB)
	eMMC 32GB(storage and boot)
	*Power:
	Input 1: DC power jack, external power adaptor, 12V, 90W, Input: 100-240V
	Input 2: 4-pin terminal block, 9-36V DC
	Consumption: 40W (Intel® Atom® E3845 CPU with 8 GB 1600 MHz DDR3L memory, 4 x 2.5" HDD)
	*Safety / EMC: CE/FCC
	*Supported OS: Microsoft® Windows® 10 IoT Enterprise / Linux
I/O Interface	
I/O Ports	2 x USB 3.0
	2 x USB 2.0
	2 x RJ-45 PCIe GbE by Intel® I210
	1 x HDMI™ Display port (Resolution: up to 1080p support)
	1 x Mic-in
	1 x Audio out
Expansion Slots	
Expansion Slots	1 x Full-size PCIe Mini slot
	1 x onboard SIM card slot
System	
Cooling method / System Fan	Fanless
Drive Bays	4 x 2.5" SATA HDD/SSD, removable drive bay
Indicator&Buttons	
Indicators	LED Indicators: Status, LAN, HDD 1-4
Physical Characteristics	

Construction	Wall-mount
Color	
Color	Black
Dimensions	
Dimensions	180 x 247 x 59 mm (WxDxH)
Weight	
Weight	1.11 kg/3.2 kg (Net/Gross)
Environment	
Operating Temperature	-40°C ~ 50°C

Ordering Information

IBX-660-8G-R10	Industrial edge server with four 2.5" drive bays, Intel® Atom™ E3845 quad-core 1.9GHz, pre-installed 8GB DDR3L RAM, 32GB eMMC
IBX-660-W10E64-E-R10	OS Image with Windows Embedded Standard 10 E 64-bit for IBX-660 series, with DVD-ROM, RoHS

Packing List

1 x IBX-660	2 x Ethernet cable
1 x AC adapter	24 x Flat head screw (for 2.5 HDD)
1 x Power cord	