

Fanless Embedded Box PC with 4th/5th Generation Intel® Core™ i Processor and PCI/PCIe Expansion



Features

- Expandable Fanless Box PC, 4th/5th Generation Intel® Core™ i Processor
- 4 Power over Ethernet IEEE 802.3 at/af, Isolated Digital I/O Ports
- 4 HDD/SSD (RAID 0/1/5/10)
- 2 PCIe x4 Expansion Slots
- 9-36 V DC Power Input, -20~60° C Operating Temperature

Applications

- Embedded Control Systems
- Automatic Optical Inspection (AOI)
- Remote Video Surveillance
- Multimedia Display and Digital Signage
- Wireless Network Communication

→ Packing List

Description
1 x BPC-7260
1 x Driver CD
2 x Wall Mount Bracket
1 x Power Adapter (AC-to-DC, 12 V @ 15 A, 180 W)

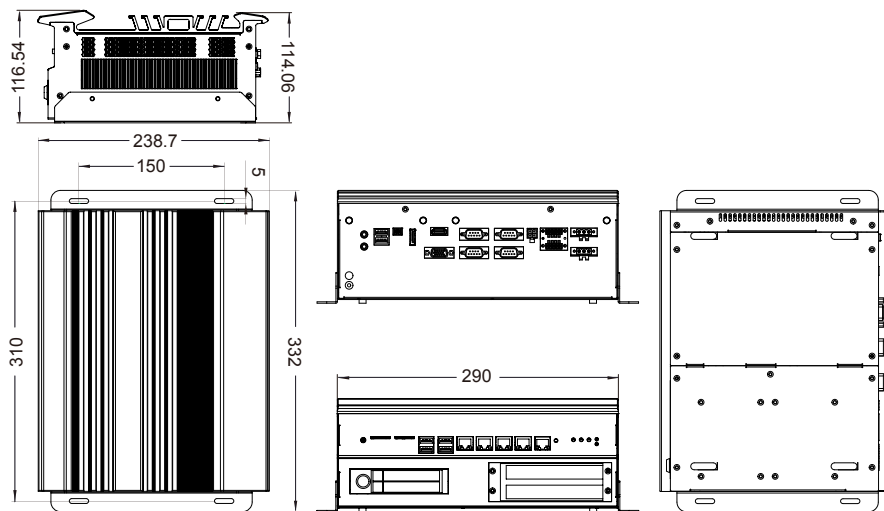
→ Optional Items

Part No.	Description
KIT-WIFI-BGN-01	Wi-Fi 802.11 b/g/n Module + 1 Antenna
KIT-WIFI-AC-01	Wi-Fi 802.11 a/b/g/n/ac Module + 1 Antenna
KIT-WIFI-ACBT-01	Wi-Fi 802.11 a/b/g/n/ac/BT4.0 Module + 2 Antennas
KIT-3G-01	3G (HSPA+) Module + 1 Antenna
KIT-LTE-01	LTE Module + 2 Antennas
KIT-GPS-01	GPS Antenna
KIT-CAN-CN-01	CAN Connector
KIT-DIO-CN-01	DIO Connector

→ Ordering Information

Part No.	Description
BPC-7260-1A1	Intel® Core™ i7-4700EQ w/ 6 USB, 4 COM, DIO, 1 GbE, 4 PoE, Line out, Mic in, 1 VGA, 1 DP, 1 HDMI, 2 PCIe x4
BPC-7260-2A1	Intel® Core™ i5-4400E w/ 6 USB, 4 COM, DIO, 1 GbE, 4 PoE, Line out, Mic in, 1 VGA, 1 DP, 1 HDMI, 2 PCIe x4
BPC-7260-3A1	Intel® Core™ i3-4100E w/ 6 USB, 4 COM, DIO, 1 GbE, 4 PoE, Line out, Mic in, 1 VGA, 1 DP, 1 HDMI, 2 PCIe x4

→ Dimensions



→ Specifications

Model		BPC-7260-1A1	BPC-7260-2A1	BPC-7260-3A1
Processor System	CPU	Intel® Core™ i7-4700EQ	Intel® Core™ i5-4400E	Intel® Core™ i3-4100E
	Frequency	Quad-Core 2.40 GHz	Dual-Core 1.80 GHz	Dual-Core 1.80 GHz
	L2 Cache	Intel® Smart Cache 6 MB	Intel® Smart Cache 3 MB	
	System Chipset	Intel® QM87		
Memory	BIOS	UEFI		
	Technology	DDR3L 1333 / 1600 MHz SDRAM		
	Max. Capacity	16 GB		
Display	Socket	2 (204-pin SO-DIMM)		
	Graphics Engine	Intel® HD Graphics 4600		
	VGA	Up to 1920 x 1200 at 60 Hz		
	HDMI	1.3a, up to 2560 x 1600 at 60 Hz		
	DP	Up to 3840 x 2160 at 60 Hz		
I/O Interface	Three Display	1 VGA + 1 HDMI + 1 DP (under Windows OS only)		
	USB	4 USB 3.0, 2 USB 2.0		
	Serial Port	2 RS-232/422/485 (One support 5/12 V, 0.5 A), 2 RS-232		
	Digital I/O	8-bit isolated digital I/O (4 input and 4 output, 5 V @ 0.5 A)		
Ethernet	DC output	12 V DC output (2x2 pin), 1 A		
	Controller	1 GbE, 10/100/1000 Mbps (Intel® i217LM); 2 PoE (IEEE802.3at), 10/100/1000 Mbps (Intel® i211); 2 PoE (IEEE802.3af), 10/100/1000 Mbps (Intel® i211)		
Audio	Chipset	Realtek ALC892 HD Audio		
	Connectors	Line out, Mic in		
Expansion	PCI/PCIe slot	2 PCIe x4		
	Mini PCIe	1 full-size, 2 full-size w/ USB signal only		
	SIM Socket	2		
Storage	SATA	2 internal 2.5" HDD/SSD, 2 swappable 2.5" HDD/SSD bays (RAID 0/1/5/10)		
	mSATA	1		
Power	Power Type	AT / ATX		
	Power Supply Voltage	9-36 V DC input (3-pin Terminal Block)		
	Power Connector	3-pin Terminal Block, 3-pin Remote Power Connector		
	Power Adapter	AC-to-DC, 12 V @ 15 A, 180 W		
	Power Consumption (Typical)	2.3 A @ 12 V (27.6 W) for Core™ i7-4700EQ, not including PoE Device		
Others	Power Consumption (Max)	8.5 A @ 12 V (102 W) for Core™ i7-4700EQ, not including PoE Device		
	Recovery Button	System Recovery Button		
	Operational	-20~60° C (-4~140° F) w/ Industrial SSD, w/ Air flow (Humidity: 70° C @ 80% RH Non-condensing)		
	Non-Operational	-40~85° C (-40~185° F) (Humidity: 70° C @ 80% RH Non-condensing)		
Environment	Vibration	Operating: MIL-STD-810G, Method 514.6, Category 4, common carrier US highway truck vibration exposure Storage: MIL-STD-810G, Method 514.6, Category 24, minimum integrity test		
	Shock	Operating: MIL-STD-810G, Method 516.6, Procedure I, functional shock=20g Storage: MIL-STD-810G, Method 516.6, Procedure V, crash hazard shock test=75g		
	Certificate	CE, FCC Class A, CCC		
General	Dimensions (W x H x D)	213.7x 116.54 x 238.7 mm (11.42" x 4.59" x 9.40")		
	Weight	5.19 kg (11.42 lb)		
	Operating System	Windows 7/8.1/10, WES7-E/P, WE8S, Ubuntu 14.04		