

Fanless Embedded Box PC with 4th generation Intel® Core™ i5 Haswell processor



Features

- 4th Generation Intel® Core™ i5 Dual-Core up to 1.9 GHz
- 4 Gigabit Ethernet Ports
- 1 Half-Size Mini PCIe (for WLAN Module)
- 1 SATA HDD (2.5")
- 9-36 V DC Power Input

Applications

- Embedded Digital Signage Control Systems
- Factory Automation Applications
- Image Processing (e.g. Medical 2D and 3Dimaging)
- Gaming and Entertainment Industries
- Network Communications

→ Packing List

Description
1 x BPC-3060
1 x Power Adapter

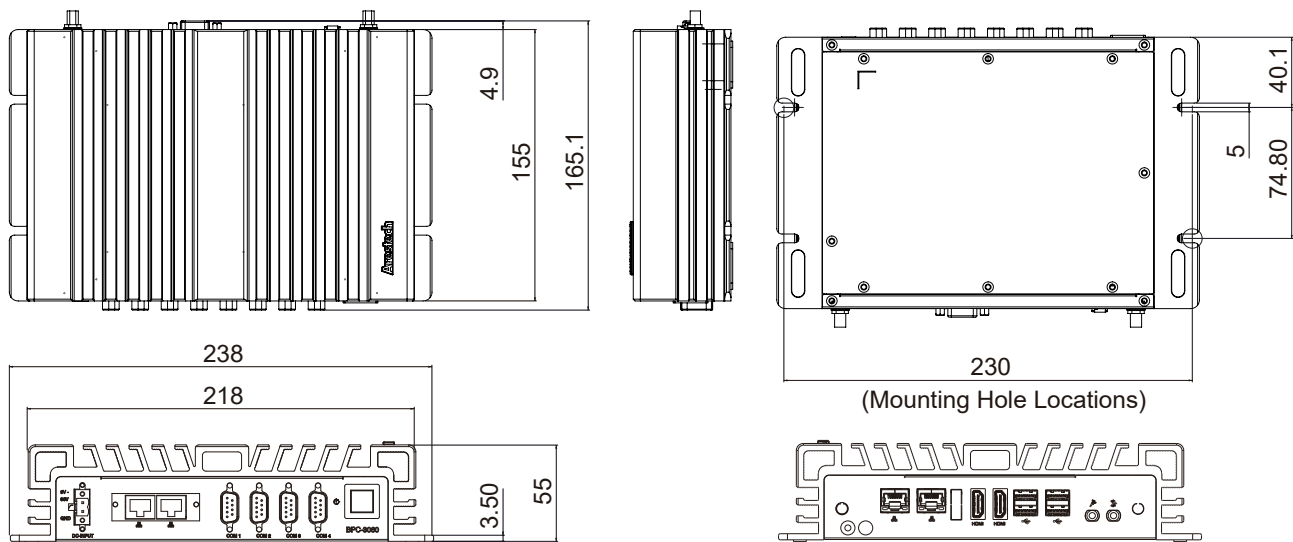
→ Optional Items

Part No.	Description
ACS-PS-US	Power Cable 3-pin, 180 cm, USA Type
ACS-PS-EU	Power Cable 3-pin, 180 cm, Euro Type
ACS-PS-CN	Power Cable 3-pin, 180 cm, China Type
AWD-WF001	wifi 802.11 b/g/n (1T1R) + 1 antenna , Half size
AWD-WF003	wifi 802.11 a/b/g/n/ac/BT4.0 (2T2R) + 2 antenna(dual band), Half size

→ Ordering Information

Part No.	Description
BPC-3060-1A1	Intel® Core™ i5-4300U 1.9GHz Dual Core CPU, 1 x DDR3 memory, 4 x USB3.0, 1 x RS-232, 2 x RS-232/422/485, 8-bit DIO, 4 x GbE, line out, mic in, 2 HDMI, DC 9~36V
BPC-3060-2A1	Intel® Core™ i5-4300U Dual Core CPU, 1 DDR3L memory, 4 USB3.0, 2 RS-232, 2 RS-232/422/485, 2 GbE, line out, mic in, 2 HDMI, DC 9~36V, Phoenix Connector

→ Dimensions



→ Specifications

Model		BPC-3060-1A1	BPC-3060-2A1
Processor System	CPU	Intel® Core™ i5-4300U	
	Frequency	Dual-Core 1.9 GHz	
	L2 Cache	Intel® Smart Cache 3 MB	
	System Chipset	N/A	
	BIOS	UEFI	
Memory	Technology	DDR3L 1333 MHz SDRAM	
	Capacity	8 GB	
	Socket	204-pin SO-DIMM	
Display	Graphics Engine	Intel® HD Graphics 4400	
	HDMI	2 HDMI 1.4a up to 4096 x 2304	
	Dual Display	HDMI	
I/O Interface	USB	4 USB 3.0	
	Serial Port	1 RS-232, 2 RS-232/422/485 (Set by BIOS)	2 RS-232, 2 RS-232/422/485 (Set by BIOS)
	Digital I/O	8-pin Digital I/O (DB-9 connector)	N/A
Ethernet	Controller	4 GbE, 10/100/1000 Mbps	2 GbE, 10/100/1000 Mbps
Audio	Chipset	Realtek ALC662 High Definition Audio (HD)	
	Connectors	Line out, Mic in	
Expansion	Mini PCIe	1 half-size	1 half-size 1 full-size shared with mSATA (set by BIOS)
	Storage	Mini PCIe	2 full-size (1 share with mSATA)
Storage	SATA	2.5" HDD / SSD, SATA III (Max. data transfer rate 600 MB/s)	
	mSATA	N/A	1 mSATA shared with Mini PCIe (Set by BIOS)
	Power	Power Type	AT / ATX
Power	Power Supply Voltage	9-36 V DC input (Phoenix Connector), 6.7-1.7 A	
	Power Adaptor	AC-to-DC, 12 V @ 5 A, 60 W	
	Power Consumption (Typical)	1.1 A @ 12 V (13.2 W)	1.07 A @ 12 V (12.9 W)
	Power Consumption (Max)	2.58 A @ 12 V (31 W)	2.41 A @ 12 V (29 W)
	Environment	Operational	-20~60° C (-4~140° F) w/ 2.5" SSD (Humidity: 60° C @ 80% RH Non-condensing)
Non-Operational		-40~85° C (-40~185° F) (Humidity: 50° C @ 95% RH Non-condensing)	
Vibration		5 Grms, IEC 60068-2-64, random, 5~500 Hz, 1 Oct/min., 1hr/axis, x, y, z 3 axes (w/ SSD only) 1 Grms, IEC 60068-2-64, random, 5~500 Hz, 1 Oct/min., 1hr/axis, x, y, z 3 axes (w/ 2.5" HDD)	
Shock		50 G, IEC 60068-2-27, half sine, 11 ms duration (w/ SSD only) 20 G, IEC 60068-2-27, half sine, 11 ms duration (w/ 2.5" HDD)	
Certificate	Certification	CE, FCC Class A, CCC	
Certificate	Power Adaptor	238 x 55 x 165 mm (9.37" x 2.16" x 6.5")	
	Power Consumption (Typical)	1.73 kg (3.81 lb)	1.69 kg (3.72 lb)
	Power Consumption (Max)	Windows 7/8.1/10, WES7-E/P, WE8S, Ubuntu 14.04	