



### Features

- multilayered structure , fanless design
- Intel 4th Gen Desktop LGA1150 CPU
- 2xDDR3 1600MHz DIMM, Max 16GB
- 2xPCI or 1xPCIeX16 and 1x PCI expansion
- VGA/2G-LAN/6COM/4USB/8bit DIO
- 2xSATA3 2.5 " HDD BAY
- DC 9-36V widen-voltage input

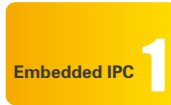
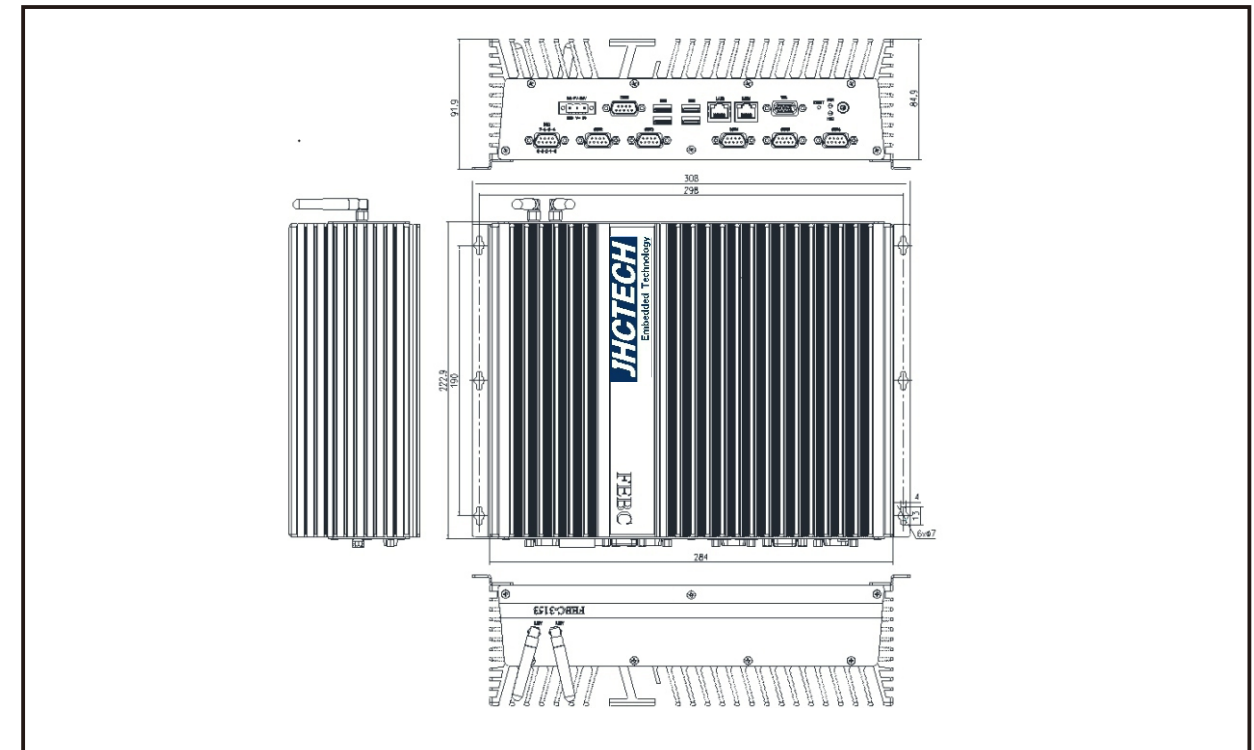


### SPEC.

<b>System</b>	CPU	Intel® Celeron/Pentium/I3/I5 LGA1150 processor, for fanless PC support I3/I5 CPU Which less or equal to 45W , Celeron / Pentium 4th Haswell T series processor
	RAM	2xDDR3 1600MHz DIMM, up to 16 GB
	Expansions	2*PCI 32 bit Standard, 1*PCIe 3.0 X16, Support Graphics, Mini PCIe Cardx1, 1* PCI and USB, can support Mini PCIe and WIFI
	Display	VGA, CPU integrated Intel HD Graphics, in- shared 1G RAM
	Ethernet	Intel I210-IT and I217LM Chipset , 10/100/1000Mbps RJ-45 interface×2
	DIO	8 bit DIO(Input-output programmable)
	M/K	USB
	HDD	2.5" HDD Bay, support 2* SATA3, 2.5 inch HDD of 6Gb/s
	COM	4*RS-232, RS-232/422/485*2(jumper setting )
	USB	2*USB 3.0, 2* USB2.0
	System control	1* power on/off, 1*Reset
	LED indicator	Power light ×1, HDD light ×1
	Watch dog timer	system timer reset/interruption
	power	DC input : built in DC-DC converter (default ) input voltage : 9-36V AC input : power adapter (option ) input voltage:100VAC ~ 240VAC@50 ~ 60Hz
OS	Windows 7, Windows 8, Linux Fedora, Linux Kernel	
<b>Mechanical</b>	Structure	Aluminum-case, Wrinkle-shape for cooling
	Color	Silver aluminum+ silver SGCC
	Installation	On-wall, stander
	Size	239.4*221.4*113.8mm(W x H x D)
	N.W	3.8Kg
<b>Environmental</b>	Operation temperature	-10°C ~ 55°C – SSD With out Airflow; -10°C ~ 50°C - HDD With out Airflow
	Storage temperature	-20°C ~ 70°C (-4°F ~ 158°F)
	Storage humidity	5~90%@40°C , non-condensing
	Vibration	5 grms / 5 ~ 500Hz / in working status (SSD) 1 grms / 5 ~ 500Hz / in working status (HDD)
	Shock	50 g peak acceleration (Duration 11ms) (SSD) 20 g in working status (Duration 11ms) (HDD)
	EMC	CE /FCC, Class A, UL

### Dimensions

Unit : mm



### Order information

NO.	Instruction
FEBC-5951/S001	Fanless embedded computer Haswell LGA1150 CPU,VGA/2*1000 Ethernet/6 COM/4USB/ 8bit DIO/1PCI/1PCIeX16
FEBC-5951/S002	Fanless embedded computer Haswell LGA1150 CPU,VGA/2*1000 Ethernet/6 COM/4USB/ 8bit DIO/1PCI/2PCI
Optional CPU	I3-4330TE—LGA115 0 Socket 2Core 4Threads, 22nm ,Cache 4M, Frequency 2.4G I5-4590TE—LGA115 0 Socket 4Core 4Threads, 22nm ,Cache 6M, Frequency 2.0G to 3.0G G3320TE—LGA115 0 Socket 2Core 2Threads, 22nm ,Cache 3M, Frequency 2.3G G1820TE—LGA115 0 Socket 2Core 2Threads, 22nm ,Cache 2M, Frequency 2.2G
PA-60DC12	AC/DC power adaptor, DC19V/6.73A 120W