

# FEBC-5950

Aluminum Alloy chassis , 4th Generation Desktop CPU 、 dual 2\*1000 Gigabit Ethernets 、 multiple display and expansion



## Features

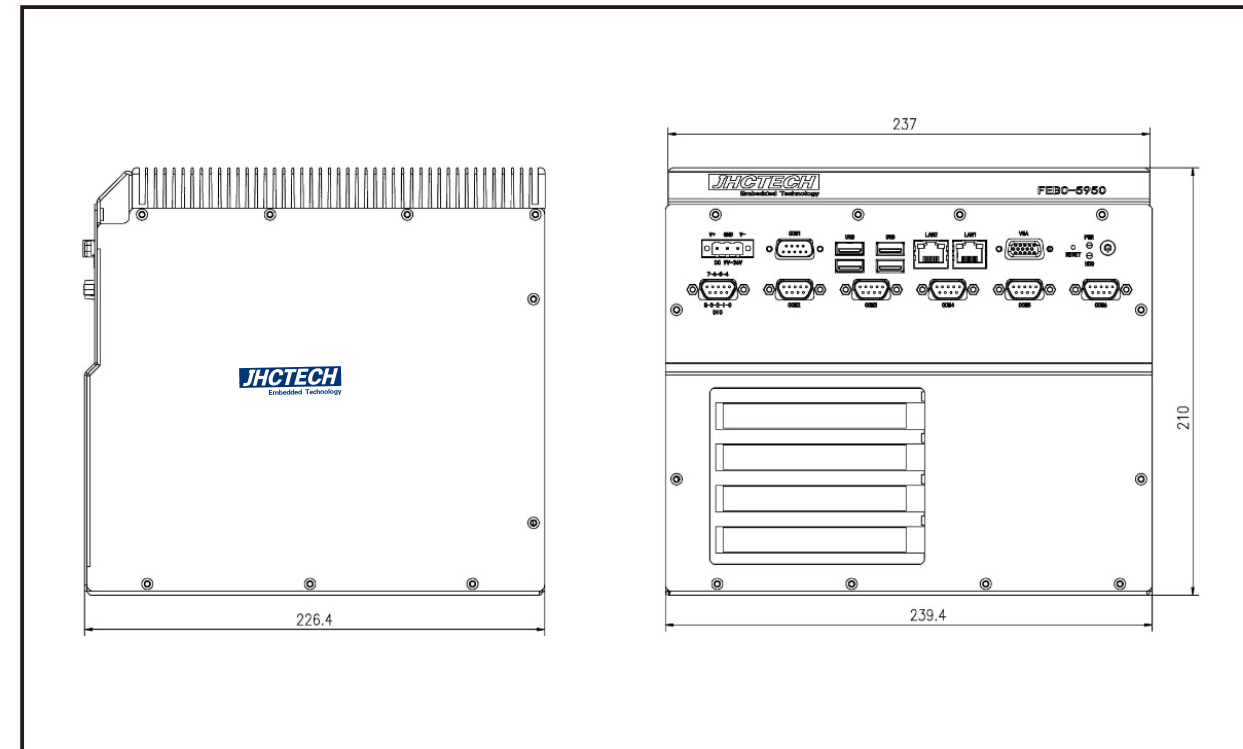
- multilayered structure , fanless design
- Intel 4th Gen Desktop LGA1150 CPU
- 2xDDR3 1600MHz DIMM, Max 16GB
- 2xPCI or 1xPCIeX16 and 1x PCIeX1 expansion
- VGA/DVI/DP/HDMI Display
- 2G-LAN/6COM/6USB/16bit DIO/Audio
- 2xSATA3 2.5"HDD Bay and Cfast three storage
- DC 9-36V wide voltage input

## SPEC.

<b>System</b>	CPU	Intel® eleron/Pentium/I3/I5 LGA1150 processor, for fanless PC support I3/I5 CPU Which less or equal to 35W , Celeron / Pentium 4th Haswell T series processor
	RAM	2*DDR3 1600MHz DIMM, up to 16 GB
	Expansions	3*PCI 32 bit Standard, 1xPCIe 3.0 16X, Support Graphics ; Mini PCIe Cardx1, 1*PCIe x1 and USB, support Mini PCIe and WIFI
	Display	VGA、 DVI-D、 HDMI (DP optional) , three independent display interface, CPU integrated Intel HD Graphics, Synchronous or asynchronous three display
	M/ k	USB
	Ethernet	Intel I210-IT and 217LM Chipset, 10/100/1000Mbps RJ-45 interface x2
	SSD	Cfast, 16G to 512G(T001)
	HDD	2.5" HDD Bay, support 2* SATA3, 2.5 inch HDD of 6Gb/s
	COM	S001:RS-232x4, RS-232/422/485x2 ( jumper setting ) ; T001:RS-232x4,
	USB	RS-232/422/485x6 ( jumper setting ) ;S001: 2*USB 3.0 , 2*USB2.0; T001: 2*USB 3.0, 4*USB2.0x4
	Audio	T001: Realtek ALC886 5.1-channel, MIC and Line-out
	System control	1* power on/off, 1*Reset
	LED indicator	Power light x1, HDD light x1
	Watch dog timer	system timer reset/interruption
<b>Power</b>	DC input : built in DC-DC converter (default )	input voltage : DC 9-36V
	AC input : power adapter (option )	input voltage : 100VAC~240VAC@50~60Hz
	OS	Windows xp, Windows 7, Windows 8, Linux Fedora, Linux Kernel
<b>Structure</b>	DIO	S001: 8 bit DIO(Input-output programmable) ) T001: 16 bit DIO ( Input-output programmable) )
	Structure	Aluminum-case, Wrinkle-shape for cooling
	Colour	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>Mechanical</b>	Operation temperature	-10°C ~ 55°C – SSD With Airflow ; -10°C ~ 50°C - HDD With 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 A Class , UL

## Dimension

Unit : mm



## Ordering info

NO.	Introductions
FEBC-5950/S001	Fanless embedded computer Haswell LGA1150 CPU, VGA/2*1000 Ethernet 6 COM/4 USB/ 8bit DIO/Audio/2PCI/1PCIeX16
FEBC-5950/T001	Fanless embedded computer Haswell LGA1150 CPU, VGA&DVI-D&DP, 2*Gigabit Ethernet 10COM/6USB/16bit DIO/Audio/3PCI/1PCIeX16/Cfast
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-120DC19	AC/DC Power adaptor, DC19V/6.73A 120W