

Fanless Embedded PC

FANLESS Embedded System, Intel Core™ i7-4700EQ, 4GB DDR3
 1600 4GB SODIMM, WD5000LPCX 500GB 5400 RPM 8MB Cache
 SATA 6.0Gb/s +SAMSUNG 850 EVO-Series MZ-75E250B/AM
 2.5" 250GB SATA III
 12 month Extended Warranty for 24 months total

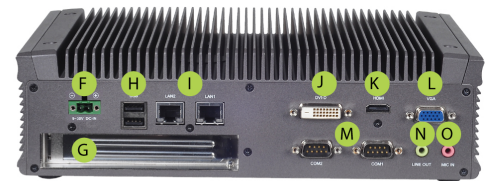
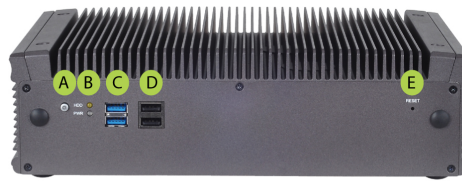
Model: LPC8810-i7-VI-01



Features

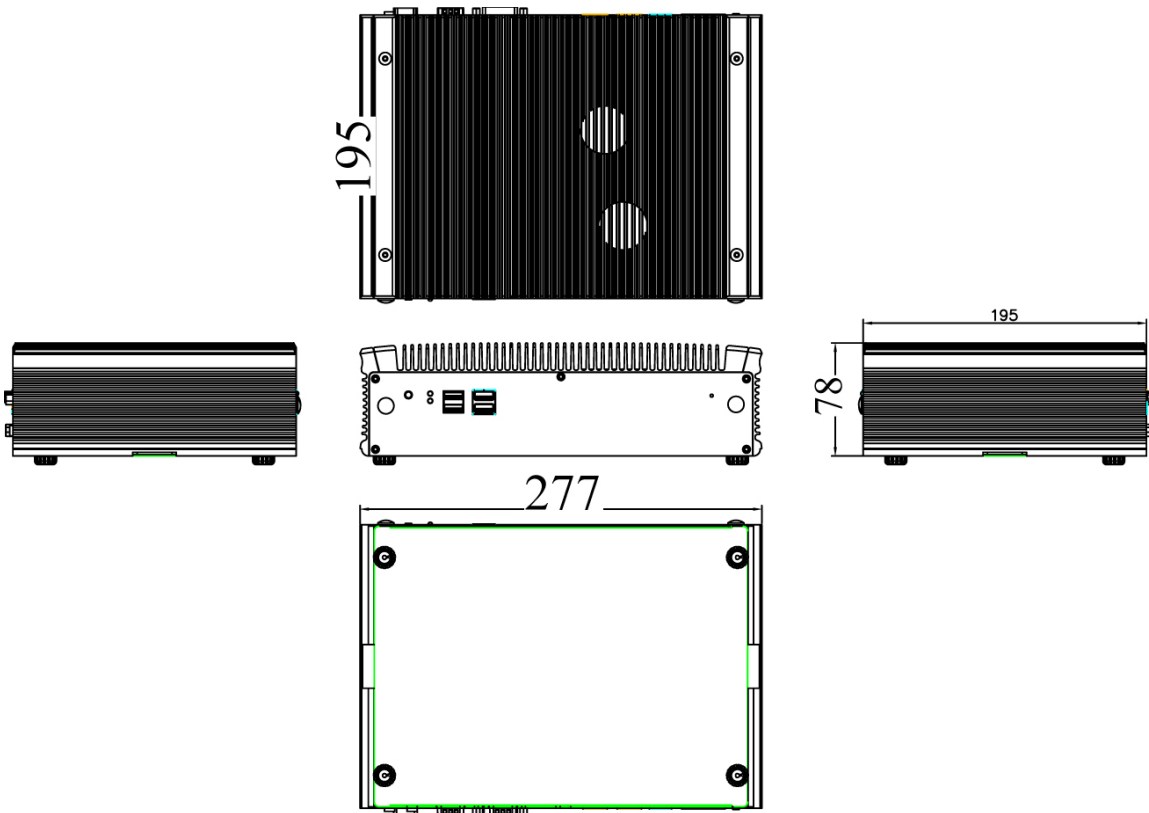
- Intel Core™ i7-4700EQ
- 4GB DDR3 1600 4GB SODIMM
- WD5000LPCX 500GB 5400 RPM 8MB Cache SATA 6.0Gb/s
- 2x USB 3.0 Ports & 4x USB 2.0 Ports
- SAMSUNG 850 EVO-Series MZ-75E250B/AM
- 2.5" 250GB SATA III
- 12 month Extended Warranty for 24 months total

Product I/O View



- | | | | | |
|-----------------------|------------------|-----------------------|----------------|-------------------|
| A Power On/Off | D USB 2.0 | G PCI or PCI-E | J DVI-D | M COM |
| B Status LEDs | E Reset | H USB 2.0 | K HDMI | N Line_out |
| C USB 3.0 | F DC-IN | I LAN | L VGA | O Mic_in |

Mechanical Drawing



Specifications

Processor System	
CPU	Intel Core™ i7-4700EQ
BIOS	AMI 128Mbit SPI Flash BIOS
Chipset	Intel® QM87
Fanless	
	Yes
Memory	
Technology	DDR3L 1333/1600MHz
Max. Capacity	4 GB
Socket	4 GB DDR3 1600 4GB SODIMM
Graphic	
Controller	Intel® HD Graphics 4600
VGA	1x VGA, 1920 x 1080
DVI	1x DVI-D, 1920 x 1200
HDMI	1x HDMI, 3840 x 2160 @24Hz or 2560 x 1600 @60Hz
Audio	
Codec	Realtek ALC886
Interface	2 x Phone Jack for MIC-in and Line-out
Ethernet	
Controller	Intel® i217LM and i210AT
Speed	10/100/1000 Mbps
Interface	2x RJ45
Storage	
Type	SATA III
Installation	2.5" 250GB
I/O	
Serial Port	2x RS-232/422/485, DB9 Male
Digital I/O	-
USB 2.0	4 x type A
USB 3.0	2x Type A
Power-On/Reset Button	1x Power On/Off, 1x Reset
Remote Power Switch	-
LED	Power/Storage Access
Antenna Hole	2 x SMA Antenna Holes

Expansion Interface	
Mini-PCIe	1x Full-sized Socket with SIM Card Reader/1x Full-sized Socket
PCI	1 (Included in the packing)
PCI Express x16	1 (Default)
Watchdog Timer	
Watchdog Timer 1~255 Level Time Interval System Reset, Software Power	
Power Type	ATX
Power Supply Voltage	9VDC ~ 30VDC
Connector	2-pin Terminal Block
Power Consumption (Idle)	25.42W
Power Consumption (Full Load)	36.22W
Power Adaptor	AC to DC, AC 90 to 240 VAC Input, DC 19V/3.95A 75W
Environment	
Operating Temperature	-10°C~50°C (with SSD) -10°C~45°C (with HDD)
Storage Temperature	-20 ~ 70°C
Relative Humidity	5% ~ 95% (Non-condensing)
Vibration	IEC 60068-2-64, 0.5Grms, random 5 ~500 Hz, 40 mins/axis
Mechanical	
Dimension (W x H x D)	277 x 78 x 195 mm (10.9" x 3.07" x 7.68")
Construction	Aluminum + SGCC
Weight	3.8kg
Mounting	Wall/VESA/Rack-mount
Driver Support	
Microsoft Windows	WES 7 E, Win 7 Pro FES, WE 8.1 Industry Pro
Linux	Kernal 3.x
Certification	
EMC	CE/FCC, Class A

Standard Accessories

SATA SSD/HDD Cable with Power
Metal Brkt Black Wallmount-4
75W 19V/3.95A Power Adapter