LEC-2284

4th Gen Intel® Core™ i7/i5/i3 Platform
with Rich I/O and Expansion



Features

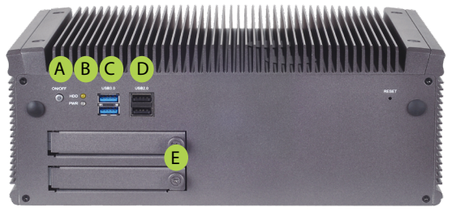
- Intel® Core™ i7/i5/i3 CPU with QM87 PCH
- Intel® HD Graphics 4600
- HDMI/VGA/DVI-D & 3 Independent Display Ports
- 2x USB 3.0 Ports & 4x USB 2.0 Ports
- Mini-PCI-E Slots / 2x PCI or 2x PCI-E x8
- 2x 2.5" HDD/SSD Removable Trays with RAID 0/1

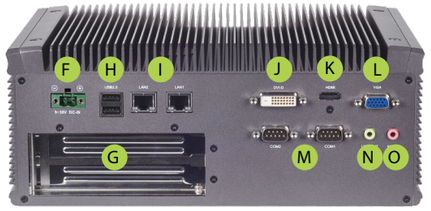
Specifications

Processor System	
CPU	Intel® Core™ i7-4700EQ/i5-4400E/ i3-4102E
Frequency	2.4GHz/2.7GHz/1.6GHz
Core Number	4C(i7)/2C(i5/i3)
BIOS	AMI 128Mbit SPI Flash BIOS
Chipset	Intel® QM87
Fanless	
	Yes
Memory	
Technology	DDR3L 1333/1600MHz
Max. Capacity	16 GB
Socket	2x 204-pin SODIMM
Graphic	
Controller	Intel® HD Graphics 4600
VGA	1x VGA, 1920 x 1080
DVI-D	1x DVI-D, 1920 x 1200
HDMI	1x HDMI, 3840 x 2160 @24Hz or 2560 x 1600 @60Hz
Audio	
Codec	Realtek ALC886
Interface	2x 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	1x mSATA Socket
Type	SATA III
Installation	2x 2.5" HDD/SSD Drive Bay
I/O	
Serial Port	2x RS-232/422/485, DB9 Male
Digital I/O	-
USB 2.0	4x 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	2 (Included in the packing)
PCI Express x8	2 (Default)
Watchdog Timer	
Watchdog Timer 1~255 Level Time Interval System Reset, Software Programmable	
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	-
Environment	
Operating Temperature	-10°C~50°C (with Industrial-grade Components)
Storage Temperature	-20°C~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 110 x 195 mm (10.9" x 4.33" x 7.68")
Construction	Aluminum + SGCC
Weight	4.2 kg
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
Safety	None

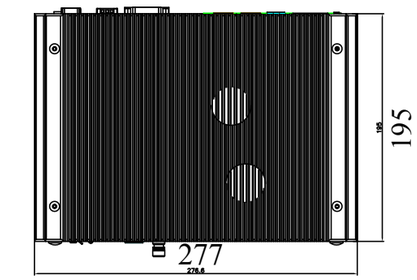
Product I/O View

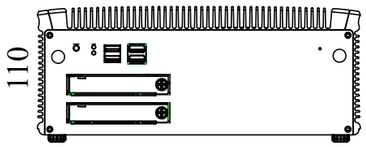




A Power On/Off	D USB 2.0	G PCI or PCI-E	J DVI-D	M COM
B Status LEDs	E HDD/SSD Drive Bay	H USB 2.0	K HDMI	N Line_out
C USB 3.0	F DC-IN	I LAN	L VGA	O Mic_in

Dimensions (W x H x D) 277 x 110 x 195 mm (10.9" x 4.33" x 7.68")







Ordering Information

LEC-2284-711A	Fanless Industrial PC with Intel® Core™ i7-4700EQ CPU
LEC-2284-511A	Fanless Industrial PC with Intel® Core™ i5-4400E CPU

Standard Accessories

080W1N0002001	SATA SSD/HDD Cable with Power
098W000004000	Metal Brkt Black Wallmount-4

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