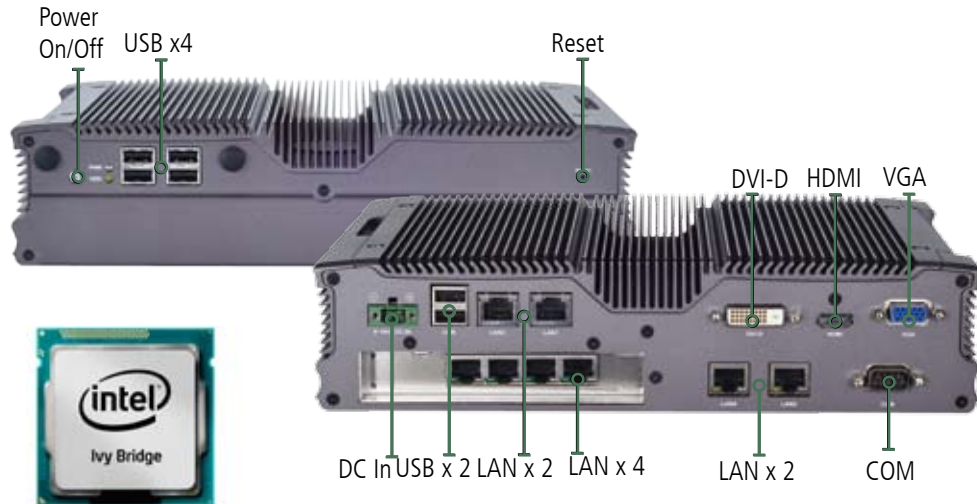


LEC-2280E-7BN

Fanless Industrial PC with 3rd Gen Intel® Core™ i7-3612QE CPU



Features

Intel Ivy Bridge Platform

The 22nm Ivy Bridge processors outperform its predecessor, Sandy Bridge, with a 5%~15% increase in CPU performance and 25%~68% increase in integrated GPU performance. Ivy Bridge processors use 3-D Tri-Gate transistor technology which consumes up to 50% less power than 2-D transistors at the same performance level. The customers wish to upgrade to Ivy Bridge will definitely see an increase in performance and a reduction in power consumption.

Fanless

This IPC's lifespan is extended with the removal of the most easily damaged component, the fan.

Multi-Screen Support

This platform comes with multiple video-out ports and can support separate video streams on dual displays.

Integrated SIM card reader

Integrated in one of the mini-PCIe slots, the SIM card reader, allows for users to enable 3G use for their IPC.

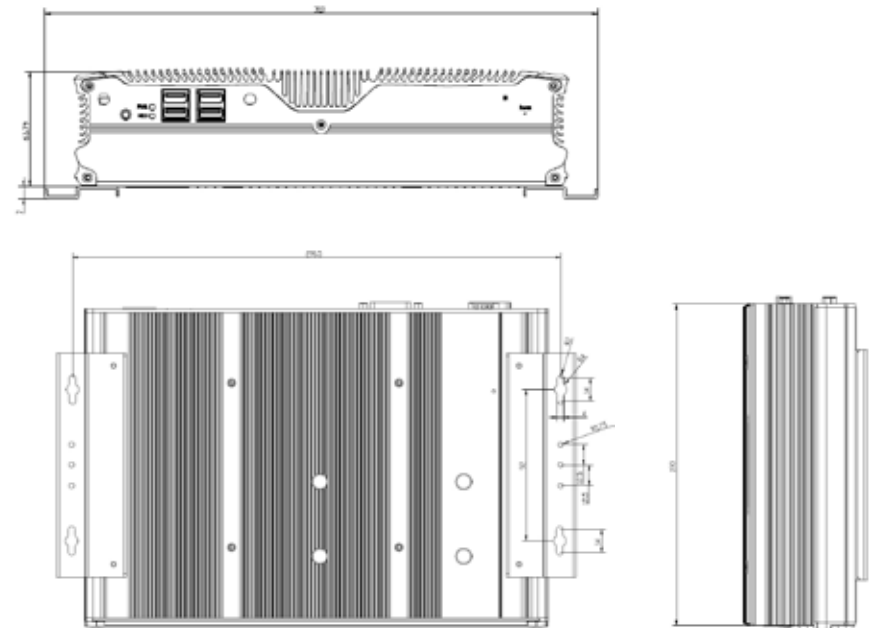
Multi I/O Expansion Layer

LEC-2280E-7BN has an unique Multi I/O (MIO) Expansion Layer that makes it easier to get the I/O configuration you need. From the main board there is also an I/O connector that fits with a plug-in I/O card which you can customize by choosing from a selection of ports you need - Audio, DI/DO, Serial, USB, LAN and eSATA. There is also a drive bay area with SATA connectors for a 2.5" HDD or SSD. This connection can also be used to create an external CompactFlash socket.

Support up to 8 GbE LAN ports

LEC-2280E-7BN8 support up to 8 GbE LAN ports, which allows connect to 8 IP cameras for machine vision or vision control application.

Dimensions 277 x 67 x 194 mm (10.91"x2.64"x7.64")



Preliminary Specifications

Processor Options		3rd Gen Intel® Core™ i7-3612QE
Chipset		Intel® HM65
BIOS		AMI 64bit SPI UEFI BIOS
System Memory	Sockets	2 x 204-pin SODIMM socket
	Technology	DDR3 1333/1600 MHz
	Max. Capacity	Up to 16 GB
USB		6x USB 2.0 compliant hosts: Type A connector
Expansion Bus		2x mini-PCIe slots (one supports SIM card Reader) 1x MIO: installed LEK-IOA5 (Support 2x Giga LAN and 1x RS-232) 1x PCIe x8 slot: LEC-2280E-7BN8 with PL8608X4 (4 port Giga LAN card)
OS Support		Microsoft Windows Embedded 8/7/XP
Storage	HDD/SSD Support	1x 2.5" HDD/SSD drive bay
	Expansion	1xSATA port for 1x 2.5" SSD/HDD driver bay
Networking	LAN	4 or 8 x10/100/1000Mbps, Autosensing,RJ-45
	Controller	Intel 82574L x 4 or 8
Display	Graphics Controller	Intel® HD Graphics 4000
	Display Interface	HDMI x1, VGA x1, DVI-D x1
LEDs		Power, HDD active
Physical Characteristics	Housing	(SECC) Sheet Metal
	Weight	4 kg
	Dimensions (WxHxD)	277 x 67 x 194 mm
	Mounting Options	Wall mount -4
Environment	Operation Temperature	-20~55°C (with Industrial grade components)
	Storage Temperature	-20~70°C
	Ambient Relative Humidity (non-condensing)	5 to 95% (non-condensing)
Power	Input Voltage	+9~30V
	Power Consumption	TBD
	Connector	2-pin terminal block with lock
	AC Adapter	75W 19V/3.95A
Standard and Regulation	EMC	CE/FCC
	Green product	RoHS
Reliability	Warranty	2 Years

Ordering Information

LEC-2280E-7BN8	Fanless Industrial PC with Intel® Core™ i7-3612QE CPU with 8 GbE LAN ports
LEC-2280E-7BN4	Fanless Industrial PC with Intel® Core™ i7-3612QE CPU with 4 GbE LAN ports

Standard Accessories

SE9ESA900R100	Wall Mount - 4
04AW20021E101	2-pint Terminal block for power input
080W1N0002001	SATA SSD/HDD cable w/ power
0P0W075190001	RoHS 75W 19V/3.95A FSP075-DMAB1(L06001) 9NA0750700 Phoenix Contact

Optional Power Cords

080W240318306	US Power Cord
080W240318305	Schuko (EU) Power Cord
080W240318301	UK Power Cord
080W240318307	China Power Cord
080W240318309	Japan Power Cord

Optional Accessories

0TAW0ZU202Z01	3G Module, Novatel E346 (**MOQ 50)
0TAWWPER12Z01	Wi-Fi Module, 802.11 b/g/n Mini-PCIe card
080W1Q0002001	Internal Wi-Fi Antenna Cable
0TZW000000039	SMA Antenna, male jack / female plug
080W1Q0001501	Internal Antenna cable for 3G//GPS module
0TZW000000072	3G Module External Antenna