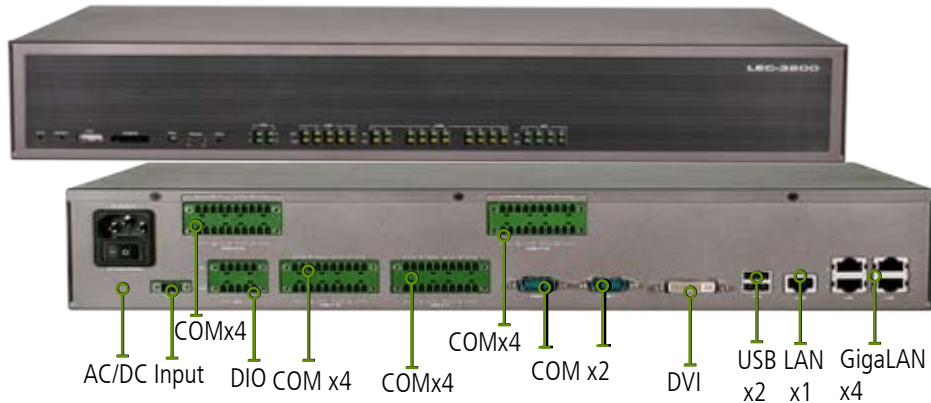


LEC-3200 2U Fanless Rackmount Communication Platform with Intel® Atom™ N270



Features

Rich I/O interface

This product provides rich I/O interface in rear wiring, includes 4 GbE LAN ports and 10 optically isolated serial COM ports for communication.

IEC-61850-3

This platform passed the IEC-61850-3 test- the hardware section of the IEC-61850 compliance. These tests include electro-magnetic interference, temperature range and shock/vibration tests.

Wide voltage input range

This product supports a wider range of voltage inputs, allows for easier onsite implementation by lessening the need for an external power supply.

Clear LED indicators in Front Panel

LED indicators makes it easy to check working status.

Support AC and DC power input

This product support both AC and DC power input.

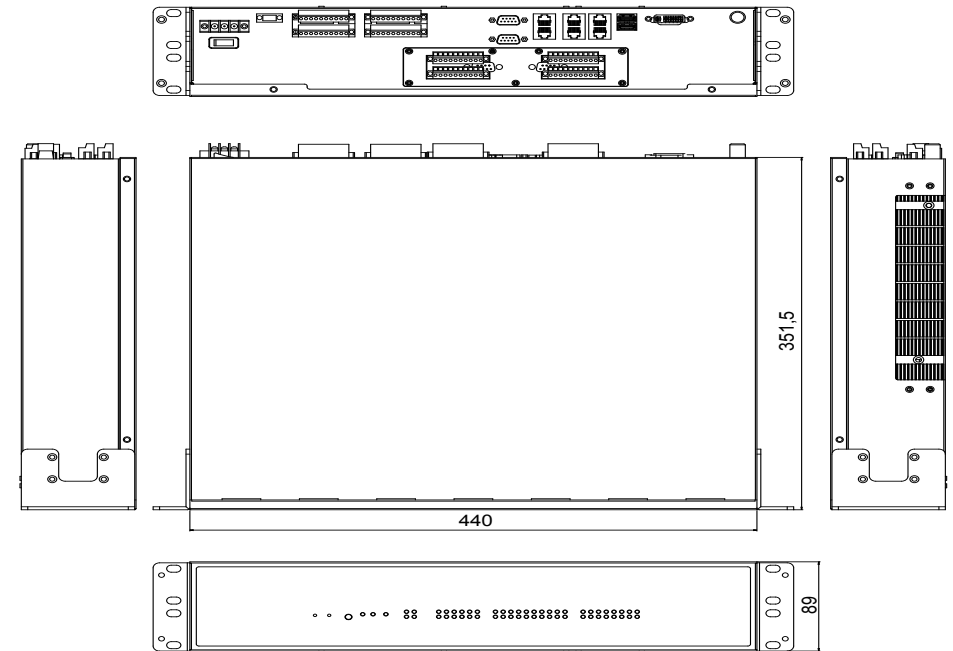
Specifications

Processor Options		Intel® Atom™ N270 (1.6GHz)
Chipset		Intel 945GSE+ICH7M
BIOS		AMI Flash BIOS
System Memory	Sockets	1 x 200-pin DDR2 SO-DIMM socket
	Technology	200-pin DDR2 SO-DIMM x1
	Max. Capacity	Up to 2 GB
USB		USB 2.0 compliant hosts x3, Type A connector, Internal pin-connector x1
Expansion Bus		PCI-104
OS Support		Window XP Embedded, Linux
Storage	NAND Flash	None
	HDD Support	2.5" HDD/SSD drive bay x1
	Expansion	CF socket Type I/II x1, 2x22Pin IDE connector, SATAx1
Networking	LAN	4x10/100/1000Mbps, 1x10/100Mbps Autosensing
	Controller	Intel 82574L x4
	Magnetic Isolation Protection	1.5 KV built-in
Serial Interface	Serial Standard	2xDB9, & 2x20pin terminal block for 10xRS-232/422/485(LEC-3200)
		2xDB9 & 4x20pin terminal block for 18xRS-232/422/485(LEC-3200C)
	ESD Protection	15 KV for all signals
Serial Signals	Isolation Protection	Digital Isolation Protection
	RS-232	Tx,Rx,DTR,DSR,RTS,CTS,DCD,GND
	RS-422	TxD+,TxD-,RxD-,RxD+,GND
	RS-485	Data+,Data-,GND
	Baudrate	Support 50bps to 921.6Kbps
Digital I/O	Digital Input	
		Logic level 0:0~+2Vdc Logic level 1:+3~10Vdc
	Digital Output	
		Logic level 0:0Vdc Logic level 1:5Vdc
Display	Connector	2x5 pin terminal block
	Graphic Controller	Intel 910GMLE
LEDs	Display Interface	DVI-I x1; DVI-D:1600x1200
		Power, Storage, 4xPIO, 1xRun(User defined), 5xAct, 5xLink, 10xRx, 10Tx

Specifications

Physical Characteristics	Housing	(SECC) Sheet Metal
	Weight	3.2Kg
	Dimensions (WxHxD)	440x89x351.5mm (17.32"x3.50"x13.84")(without rackmount ears)
	Mounting Options	Standard 19-inch rackmount
Environment	Operation Temperature	-20~55°C
	Storage Temperature	-40~80°C
	Ambient Relative Humidity (non-condensing)	5 to 95% (non-condensing)
Power	Input Voltage	Dual Power Input 9~36Vdc, 100~240Vac
	Power Consumption	28W
	Connector	2-pin and 3-pin terminal block
Standard and Regulations	Safety	
	EMC	CE/FCC
	Green product	RoHS
Reliability	Alter tool	Built-in buzzer and RTC (real-time clock) with battery lithium backup
	Automatic Reboot Trigger	Watchdog Timer 1~255 level
	Warranty	2 Years
	MTBF	275,952 hrs

Dimensions 440x89x351.5mm (17.32"x3.50"x13.84")



Ordering Information

LEC-3200	Fanless 2U rackmount communication platform with Intel® Atom™ N270 (1.6GHz), 4 x GbE LAN+1x10/100Mbps LAN, 18 x digital isolated Serial ports
LEC-3200C	Fanless 2U rackmount communication platform with Intel® Atom™ N270 (1.6GHz), 4 x GbE LAN+1x10/100Mbps LAN, 10 x digital isolated Serial ports, 2 x CAN ports