

QORE: LEC-3000

DIN-Rail embedded computer built around the 1GHz VIA Eden processor and VX800 Chipset with 4 RS232/422/485 serial ports



Features

- 4 x RS232/422/485 Serial ports
- Onboard VIA ULV Eden 1GHz
- VIA VX800 platform control hub
- DIN-Mount form factor
- Front facing LEDs for easy maintenance
- 2 RJ45 LAN Ports
- CompactFlash Type I/II
- Cable free interior
- 8 Lines of programable DIDO

4xCOM

2xLAN

USB

DIDO

Fanless

Cable-free

CF

EMBEDDED SYSTEM WITH Advanced Connectivity Features

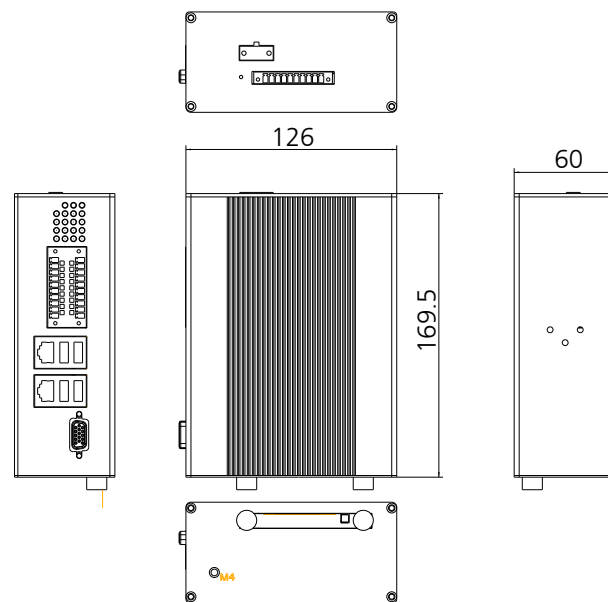
The LEC-3000 is designed for high surge ESD automation environments, such as substations, generation SCADA applications and building automation. Featuring a fanless DIN-Rail design, the LEC-3000 easily integrates into any factory IA deployment scenario.

With four serial communication ports, dual GbE LAN, 4 USB and DIDO, the LEC-3000 has a rich IO array. It also comes with a CompactFlash socket for storage.



FEATURE	DESCRIPTION	LEC-3000
Platform	Form Factor	DIN-Mount
	Processor	VIA ULV Eden 1GHz
	Chipset	VIA VX800
	BIOS	AMI Flash BIOS
Memory	Memory IC On Board	No
	Memory Socket	1 x SODIMM (up to 2GB per slot)
	Max Memory	2GB (1 x 2GB Module)
Storage	Compact Flash	1 x CF Socket Type I/II
Networking	Controller (Interface)	Realtek RTL8111D x 2
I/O	COM Ports	4 x RS-232/422/485 (Hardware Auto Flow Center) ESD protection for 15KV
	USB 2.0	4 x External, (2 x Internal)
	VGA	1
	LAN	2 x RJ45 GbE
	DIDO	4 x DI, 4 x DO
	Internal CF	1
Hardware Monitor	Controller	Fiintek Fi81*65 Fi UHG integrated hardware monitor
	Watchdog timer	Yes (1~255 level)
OS Supported		Embedded Windows XP/Linux kernel 2.4.16 or above/WindowsXP 32 bit
Environmental Parameters	Operating Temperature (With Industrial Components: CF, Memory)	-20°~55°C / 14°~131°F
	Operating Temperature (With Commercial Components)	-5°C~45°C / 23°~113°F
	Extended Operating Temperature Tested	N/A
Dimensions	W x H x D (mm)	60 x 169 x 126 mm
	Weight	1.4Kg
Power	DC Power	+12V ~ 36V DC in
	Adapter	60W Adapter
Compliance	CE, FCC, RoHS	

MECHANICAL DRAWING



About Lanner

Founded in 1986 and publicly listed (TAIEX 6245) since 2003, Lanner Electronics Inc. is an ISO 9001 certified designer and manufacturer of reliable, frontline network security, network video and applied computing platforms. With headquarters in Taipei, Taiwan and branches in the U.S. and China, Lanner is uniquely positioned to deliver custom technical solutions with localized, value-added service.

Contact information

Lanner Electronics Inc
7F, 173, Section 2 Datong Road
Sijhih City, Taipei County 221, Taiwan

T +886 2 86926060
F +886 2 86926101
E sales@lannerinc.com
W www.lannerinc.com



Specifications subject to change without notice.
All brand names and trademarks are the registered properties of their respective owners.
Copyright 2010 Lanner Electronics Inc.

Lanner
creating value in applied computing