VERSALOGIC CORPORATION

VL-ENCL-5
Development Enclosure

- Supports EBX, EPIC, PC/104, and SUMIT platforms
- Front-mounted connector panel
- Full access to board-level components
- Optional top cover accepts flat panel display
- Accepts ATX-style power supply

Highlights

Top-mounting SBCs
Top-mounting location for SBC and expansion boards provides full access to hardware during development.

Supports expansion modules
Up to two PC/104 expansion modules can be added without compromising top cover compatibility or flat panel mounting.

Front-mounted connectors
Cable connectors on the front of the unit allow easy access.

Accommodates flat panel displays
The optional top cover allows for mounting of flat panel displays up to 14.1".

System portability
Enclosure allows containment of all system devices. Add a top cover and handles for expanded portability.

Accepts standard ATX power supplies
Back panel cutout fits standard ATX power supplies and provides access to power switch and cable plug.

Ordering Information

VL-ENCL-5A.. Cobra
VL-ENCL-5B.. Cheetah
VL-ENCL-5C.... Cougar / Komodo / Manx / Python / Sidewinder / Tomcat
VL-ENCL-5D..Ocelot

Accessories

VL-CDD-IDE1.. CD-RW, DVD-ROM, Internal
VL-ENCL-3HS ....Handle set
VL-ENCL-5LID...Tilt lid for ENCL-5
VL-FDD-144U..3.5" Floppy drive, black face
VL-HDD35-xxx..3.5" IDE hard disk drive
VL-HDW-101 .... PC/104 standoff package (metric thread)
VL-HDW-105 .... SUMIT standoff package (metric thread)
VL-HDW-201 ....PC/104 extractor tool
VL-HDS35-xxx...3.5" SATA hard drive
VL-PS200-ATX ....Development power supply

Overview

The VL-ENCL-5 development enclosure facilitates system design for engineers by providing a portable benchtop solution for containing system components. The enclosure comes with all hardware required to mount a VersaLogic SBC and standard devices such as hard drives and CD-ROM drives.

The VL-ENCL-5 is designed to work with VersaLogic EBX, EPIC, PC/104, and SUMIT single board computers. Each version includes a front panel configuration for supported SBC products (see Ordering Information for supported SBCs). All enclosures provide top-mounting of the single board computer.

Optional cover (VL-ENCL-5LID) accommodates an SBC plus up to two PC/104 expansion modules. It provides protection for board-level components during storage or transport and a mounting location for flat panel displays.

SPECIFICATIONS

General	Material	Light-gauge steel
	Finish	Black powder coat
	Size	13"W x 10.19"D x 4.5"H (without top, not including mounting hardware or SBC)
	Expansion modules	Room for 2 additional PC/104 modules with top attached and LCD panel installed
Connector Panels	VL-ENCL-5A	COM (4), USB (4), LPT/floppy, PS/2 mouse, PS/2 keyboard, audio in, audio out, digital I/O, analog I/O, LEDs, reset button
	VL-ENCL-5B	COM (4), video out, LPT, PS/2 mouse, PS/2 keyboard, Ethernet (2), LEDs, reset button, speaker
	VL-ENCL-5C	COM (4), video out, LPT, Ethernet, PS/2 (2)* or USB (4)*, LEDs, reset button
	VL-ENCL-5D	COM (2), USB (3), video out, audio in, audio out, power, LEDs, reset button
Drive Bays	VL-ENCL-5A	3.5" / 2.5" internal, 5.25" external
	VL-ENCL-5B	3.5" / 2.5" internal, 3.5" floppy external, 5.25" external
	VL-ENCL-5C	3.5" / 2.5" internal (2), 5.25" external
	VL-ENCL-5D	3.5" / 2.5" internal (2), 5.25" external

* Depending on cable used

Specifications are subject to change without notification. PC/104 and EPIC are trademarks of the PC/104 Consortium. SUMIT is a trademark of the SFF-SIG.

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