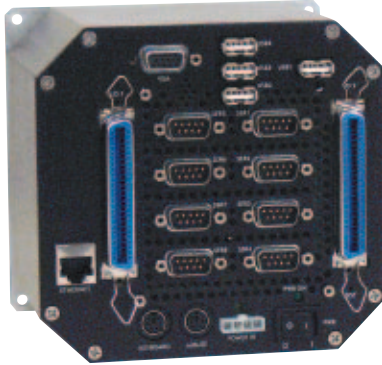


# PANDORA / TRITON

## PC/104 AND EPIC ENCLOSURE SYSTEMS



### Pandora

- Compact, flexible, low-cost enclosure system for PC/104 CPUs
- Easy to assemble
- Rugged cable-free design for Athena, Elektra and Prometheus CPUs
- Multiple lengths support varying PC/104 stack sizes

**Pandora and Triton** enclosures provide an easy to assemble, light, rugged, and flexible enclosure for PC/104 and EPIC SBC based systems respectively. They both offer a unique approach to packaging by eliminating most internal cables. This speeds up the assembly process and improves reliability and ruggedness. With each enclosure, a panel I/O board plugs directly onto the CPU and converts most CPU I/O signals to industry-standard connectors. The panel board then mounts directly to the matching front panel of the enclosure. The rear / bottom panel provides convenient holes for mounting of the complete system.



### Triton

- Compact, low-cost enclosure system for EPIC CPUs
- Easy to assemble
- Rugged cable-free design for Diamond Systems Poseidon SBC and Chameleon ETX Baseboard
- Supports 2 PC/104 expansion cards

The Pandora enclosure is available in multiple lengths to support PC/104 stacks of arbitrary size. Once the stack is assembled to the Pandora Panel Board, the entire stack is held firmly in place with direct connections to both the top and bottom of the enclosure for extra rigidity.

### Easy Expansion

The Pandora Panel Board also accommodates the I/O pins from one or two add-on PC/104 modules without requiring costly and time-consuming custom enclosure design. One pin header can be used with any PC/104 board with a 50-pin I/O connector. Two 20-pin connectors can be used with any model of Diamond Systems Emerald-MM to support 4 additional serial ports (for a total of 8). Each connects to PC-style connectors on the Panel Board.

### Supports Multiple CPU Boards

The Pandora Panel Board is compatible with Elektra, Athena, and Prometheus CPU boards. All three CPUs contain the same set of I/O connectors with the same features in the same locations.

The Triton enclosure and Panel Board are compatible with both the Poseidon SBC and Chameleon ETX Baseboard. Additional I/O on the Chameleon ETX baseboard is brought to the front panel, including a total of six serial ports and optically isolated digital I/O.

### ORDERING INFORMATION FOR PANDORA ENCLOSURE

Part No.	Description
PNL-EAP-01	Panel I/O board for Elektra, Athena, Prometheus, with expansion
PB-170-K	Pandora Enclosure, 1.7", generic model
PB-EAP-170-K	Pandora Enclosure, 1.7", with EAP panel board and EAP front panel
PB-300-K	Pandora Enclosure, 3.0", generic model
PB-EAP-300-K	Pandora Enclosure, 3.0", with EAP panel board and EAP front panel
PB-500-K	Pandora Enclosure, 5.0", generic model
PB-EAP-500-K	Pandora Enclosure, 5.0", with EAP panel board and EAP front panel
PB-700-K	Pandora Enclosure, 7.0", generic model
PB-EAP-700-K	Pandora Enclosure, 7.0", with EAP panel board and EAP front panel
C-PNLEAP-KIT	Cable kit for Pandora EAP panel board expansion
PBEC-11-K	Pandora EAP Front Panel, Black, with silkscreen
PBEC-12-K	Pandora EAP Rear / Wall Mount Panel, 4 holes, with mounting ears

### ORDERING INFORMATION FOR TRITON ENCLOSURE

For part numbers and ordering information, please visit our website at [www.diamondsystems.com](http://www.diamondsystems.com).