

TRITON

COMPACT, CONFIGURABLE EPIC ENCLOSURE WITH MULTIPLE I/O OPTIONS



- Compact 8.8" x 6.7" x 3.5" (225mm x 171mm x 88mm)
- Supports all I/O from Poseidon EPIC SBC
- Customizable face plate supports any EPIC form factor SBC
- Space for 2 PC/104 expansion modules

DESCRIPTION

Triton is a compact, light weight, rugged enclosure for EPIC form factor single board computers. Triton is easily configurable to a variety of EPIC CPUs through alteration to the stand-alone face plate. Diamond Systems provides standard face plates that support all the I/O offered by the Poseidon SBC (including analog and digital I/O).

Triton is designed to support any EPIC CPU with pin-header style connectors, or PC-style connectors in EPIC connector zones 1A and 1B. Triton provides the capacity for a CPU card plus one or two PC/104 expansion modules.

Mounting holes in the sides and back of the Triton enclosure support a cooling fan (if required), and 2.5" hard disk drive.

When purchased with a Poseidon SBC, Diamond Systems will provide a fully assembled system solution at no extra charge.

ORDERING INFORMATION

Part No.	Description
TRI-PSDA-KIT	Triton Enclosure for Poseidon with Data Acquisition (includes enclosure, hardware, panel I/O board, AC Adapter, cables)
TRI-PSDA-K	Triton Enclosure for Poseidon with Data Acquisition (enclosure and hardware only)
TRI-PSD-01	Wall - panel mount base plate for Triton Enclosures for Poseidon

SPECIFICATIONS

Dimensions	8.7" x 6.7" x 3.5" (225mm x 171mm x 88mm)
Material	Heavy gauge aluminum
Standard Color	Black
Expansion	2 PC/104 cards
Capacity	
Power Input	Board dependent
Options	Cooling fan, 2.5" HDD Trimblt Lassen GPS modules
RoHS	Compliant
Operating	Board dependent
Temperature	
Environmental	Supports FCC Class B Certification
Safety	Supports UL, CE Certification

FOR MORE INFORMATION

Diamond Systems Corporation
1255 Terra Bella Avenue
Mountain View, CA 94043
Tel: 650-810-2500
Fax: 650-810-2525
techinfo@diamondsystems.com