

## D+Plus 2600 series of VITA 41 enclosures

The Triple E VXS enclosure is constructed using our patented aluminum ( 901 series ) guide deck assemblies. Accommodates 6U x 1,6mm x 160mm The front rails utilize a stainless steel injector/ejector plate allowing endless life because of high insertion forces required when inserting boards. Fully compliant to IEEE1101.10. Designed with front to back cooling optimizing airflow. Three 150CFM fans are located under front PCB area.

Triple E's enclosures are built with all aluminum construction with a clear chem Finish or with a durable powder coat finish. Power Supply voltage LED's located on front of unit for easy monitoring. Comes with rear hinged panel, including a removable blank I/O panel, allowing for easy access to rear of backplane.

Triple E has a special team dedicated to subsystem design, which typically includes such components as a backplane, a power supply and cooling devices, all completely assembled and fully tested. Triple E is the vendor of choice for companies requiring reliable, rugged systems configured to specification and delivered on time.

### Power Supply specifications:

Nominal input: 115 – 240 VAC  
Operational input: 90-264 VAC  
Outputs: +3.3VDC, +5VDC, +/-12VDC

### Operating Temperature:

-40° C to +50° C

### Storage Temperature:

-40° C to +85° C

EMC: Meets EN55022 level A / FCC class A conducted

Safety: UL1950, CSA C22.2 No. 950, EN60950



### Backplane specifications:

Conforms to VITA 41.0 Rev 1.10 VXS core specification.  
Conforms to VITA 38 specification for system management  
Switched serial traffic over P0 of VME64x backplane  
High-speed Multi-Gig RT-2 connector for up to 6.4 Gbps traffic over P0.  
Compatible with VME64x COTS Boards that do NOT include the P0 connector.

### Single Star:

5 slot, 10 layer (4 payload, 1 switch slot)

### Mesh:

5 slot, 10 layer (3 payload, 2 VME64x slots) Point to point switchless mesh doesn't require switch cards.

### Dual Star configuration:

8slot-10 layer, (6 payload, 2 switch slots )  
12slot-12 layer, (10 payload, 2 switch slots )  
20slot-18layer, (18 payload, 2 switch slots )

Controlled-impedance stripline design

2 oz. Copper power and ground

PCB is FR-4 or Nelco 4000-13SI

PCB UL recognized 94V-0

Switch card slots, indicated with Sapphire blue cardguides.

160-pin Class II VME mechanical ABG Connectors in J1

