

Open frame test and development chassis.

Triple E's enclosures are constructed using our patented aluminum guide deck assemblies. Accommodates 6U x 1,6mm x 160mm in front and 6U x 1,6mm x 80mm transition boards in rear. Designed to meet IEEE1101.10 and IEEE1101.11 mechanical interface. The front rails feature **stainless steel** injector/ejector plates guaranteeing extended insertion/extraction life-cycles. Designed with front lower & side air intake exhausting out the top optimizing airflow. One 150CFM fan is located under front PCB area with provisions to add two additional 60mm, 20CFM fans.

Triple E's enclosures are built with all aluminum construction with a durable black powder coat finish. Power Supply voltage LED's and on/off rocker switch located on front.

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

Mechanical specifications:

Uses Triple E's 901 series of guide clusters.
Sideplates: 0.125" thick aluminum for rigidity
Removable side access panels, 0.090" thick
Rubber feet on bottom
Folding handle on top for portable use.
Folding bracket on bottom to raise front of unit.

Optional shielded filler panels:

(6U x 4HP) FP-X6-X4-E1-NH-NH-IC
(6U x 8HP) FP-X6-X8-E1-NH-NH-IC



Backplanes available:

VME64x backplanes that meets or exceeds ANSI/VITA 1.1-1997, VME extensions standard including compliance to VITA 1.7 for increased current.

VME320 backplanes that meets or exceeds ANSI/VITA 1.1-1997, VME extensions standard including compliance to VITA 1.7 for increased current Features true 320Mbyte/sec. data rate, 8 times standard VME

CompactPCI, Switched Fabric, PICMG 2.16 & 2.17 backplanes. (consult factory for configurations available)

VXS, VITA 41 specifications. (consult factory for configurations available)

Other backplane sizes & architectures made available upon request

Power Supply specifications:

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

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



Ordering Information:

5 slot VME64X with PO/JO:
TC6-64X-05-J0-XX-B2

6 slot VME320:
TC6-320-06-00-XX-B2

6 slot cPCI Hot Swap, 3.3V, right hand controller
TC6-CPCI-06-00-XX-B2

6 slot cPCI H.110, 3.3V, right hand controller
TC6-CTEL-06-00-XX-B2

6 slot PICMG 2.16 (1 fabric slot) :
TC6-7PSI-06-00-XX-B2 (4 w/cPCI, 1 node/sys slot w/cPCI).

6 slot PICMG 2.16 & H.110 (1 fabric slot) :
TC6-8PSI-06-00-XX-B2 (4 w/cPCI & H.110, 1 node/sys slot w/cPCI & H.110)

Power supply options:

- 25 250W = +5@40A, +3.3@20A, +12@4A, -12@1A
- 45 450W = +5@50A, +3.3@40A, +12@12-20pk, -12@4A
- 60 600W = +5@75A, +3.3@40A, +12@12-20pk, -12@4A
- 80 800W = +5@120A, +3.3@40A, +12@12-20pk, -12@10A



5 slot Single Star VXS :
TC6-SVXS-05-00-XX-B2 (One fabric slot and four payload slots, excellent solution for prototyping)

5 slot Mesh VXS :
TC6-MVXS-05-00-XX-B2 (5 slot Switchless Mesh, point to point links across three of the fabric slots and two standard VME64x slots. Allows development and testing with legacy cards that utilize the 2mm HM PO connector)

