

TYPE 32, VPX 4U PORTABLE TOWER



FEATURES

- Portable tower, according to VITA 48 draft specifications
- Size 4U h x 84T
- 5 slot VPX Mesh backplane
- Ideal for prototyping and demonstrations
- Cooling achieved through 1 x 12V DC fan pushing 150 CFM
- Easily converts to open frame chassis for testing/debug
- Convenient handle makes it ideal for portability
- High EMC shielding
- Assembled and wired
- Customized versions available

The VPX Tower offers a carrying handle for easy portability making it ideal for prototyping, demonstrations, and for mobile applications. The unit also features advanced EMC shielding, scratch-resistant vinyl clad aluminum covers, and power components. Cooling is achieved with 1 x 12V DC fan pushing 150 CFM (cubic feet per minute) in a front-to-rear airflow configuration. Elma has performed thermal simulations to ensure the optimal performance. As VPX offers a wide range of power options, a flexible 800W power supply with various input voltages is included.

Utilizing Elma's modular extrusion-based design, the chassis facilitates a wide range of configurations. The first configuration of the VPX Tower is a 5-slot Mesh backplane from Elma Bustronic.



VITA 46 5-SLOT BACKPLANE

- Complies to latest VITA 46 specifications
- High-speed Multi-gig connector in mesh topology
- Rugged Eurocard form factor in 6U height
- Supports redundant meshes, pipeline and cluster topologies
- High flexibility allowing applications to dictate the necessary fabric mapping
- Provides built in ESD ground protection in every slot
- Optional slots with legacy VME64x connector
- RoHS compliant versions optional
- 3U versions also available
- 20-layer stripline design

Order Information

Description	Part Number
VPX 4U Portable Tower	32PO5PSX48Y3VCEO
VITA 46, 5-slot Backplane	CAE020323