

6-Slot, 3U VPX Development System

Type 39 F-Frame, Pluggable Power Supply



Features

- Modular, open frame, VPX test and development platform
- Half width version (49HP)
- Dual pluggable 250Watt VITA 62 power supplies
- Modular, open frame, VPX test and development platform
- Holds 6 front 3U x 160mm cards
- 3U 6-slot twisted ring with control plane Open VPX backplane
- RTM mounting (rear transition module)
- Rear AC power input module with GND stud
- System monitoring with RS232 interface (optional)
- High performance cooling via front and rear mount fan trays
- Speed controlled fans with fan fail indication
- Durable, black powder coat finish
- Top handle for easy portability
- Front accessible test points and monitoring LEDs for: 3.3V, ± 5V, ± 12V, ± 24V & ± 48V
- Fixed and plug mount PSU options: 90-264VAC

Scope of Supply

High quality, open frame, aluminum chassis consisting of: front card cage, RTM support, high performance VITA compliant backplane, front/rear fan trays, AC/DC power components, ESD jack, DC test points, DC LED indicators, Fan Fail LED and System monitor with Ethernet control (optional). Assembled, wired and tested

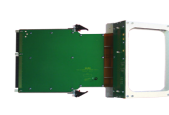
Environmental

	Operating	Storage/Transit
Temperature:	0°C to +50°C	20°C to +70°C
Altitude:	6000 ft. (1,829m)	50,000 ft. (15,240m)
Humidity:	5% to 95% Non condensing	5% to 95% Non condensing
Shock:	10 Gs @ 11ms	15 Gs @ 11ms (per ASTM 0775)
Vibration:	1.0 Gs @ 10 to 330 Hz	1.2 Gs @ 5 to 330 Hz
Agencies:	Designed to meet UL 60950, FCC, CE	
Weight:	Approx: 38 lbs	

Applications and Related Products

Type 39 E-Frames enable easy access for embedded system development and demonstration in critical defense and industrial applications including

- Mission control
- Secure communications
- Surveillance
- Data and image processing
- Weapons control
- Target tracking and display
- Navigational control
- Threat detection
- Process monitoring
- Environmental monitoring



- Load boards and extender boards
- Rear transition modules
- Backplane interconnect cabling
- Pluggable power supplies
- Complete line of payload boards
- Application ready integrated systems

VPX

