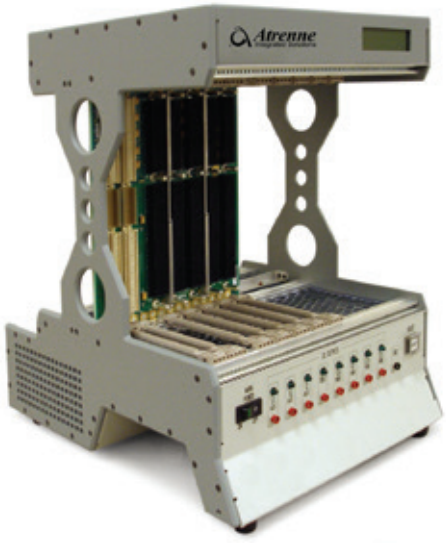
Atrenne
A Celestica Company

522 SERIES

6U VPX DEVELOPMENT/ TEST STATION

FEATURES AND BENEFITS

- Aesthetic Aluminum Design
- Available with conduction cooled card guides
- LED Array for DC Voltages
- DC Voltage test jacks
- Open frame for easy card access
- High volume cooling fans
- Speed controlled fans
- Fan fail monitored
- Front mounted system reset switch
- Rear Transition Module configured
- System Monitoring Board with LCD Display
- VPX/VME64X Hybrid Backplane option
- Also available in VME, VME64x, VXS and cPCI platforms



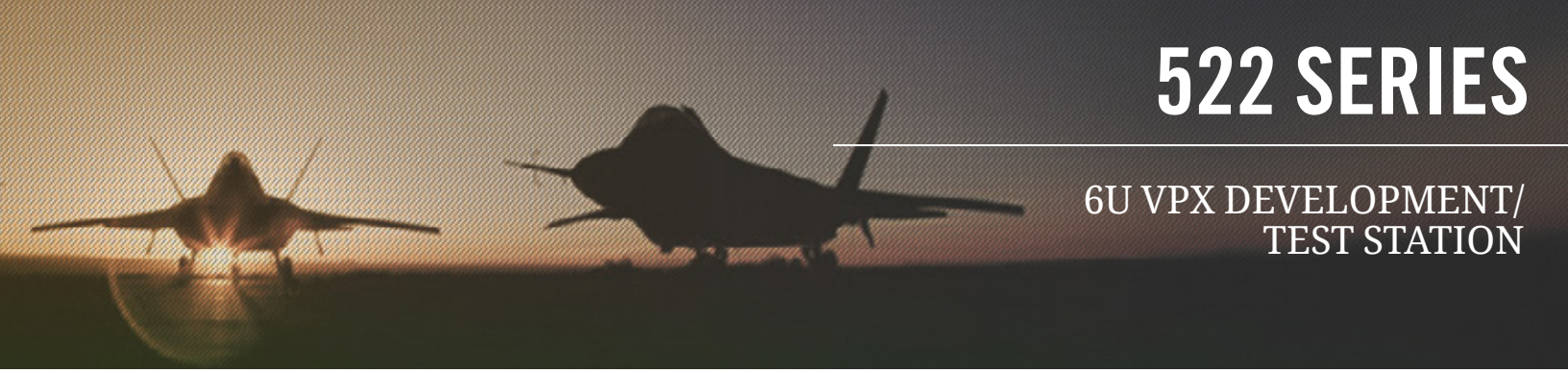
The 522 6U VPX Development/Test Station, from Atrenne, offers the test and development community a feature enhanced design combining functionality and flexibility with aesthetic detail. Designed with the development engineer in mind, the The 522 VPX Series incorporates a wide range of OpenVPX profiles used by today's leading card manufacturers, as well as the flexibility of hybrid architectures in the form of 5 VPX mesh slots and 2 conventional VME64X slots for legacy applications. Designed with unobstructed accessibility to cards under test for probe access with intelligent system monitoring capabilities.

As a development and test station the engineering design team has incorporated features that provide the ultimate in functionality. For the monitoring of DC voltages the front of the chassis is configured with LED's for each voltage as well as a corresponding test jack for ease of voltage probing. An AC on/off switch and a system reset switch are also front accessible.

The thermal capabilities of the 522 Series also brings a new innovative solution to the development and test station market. The high performance fans are placed below the card cage to produce maximum airflow, while utilizing side entry air plenums. No matter where the test station is placed the user is assured of maximum unrestricted airflow required for cooling some of the most demanding VPX cards manufactured today.

The 522 Series can be configured with a System Monitoring Board (SMB) with LCD display. Used to provide health monitoring functions the SMB is capable of providing the user with system fan speeds, DC voltage outputs and has the ability to monitor two temperature sensors. External access to the SMB can be obtained through a rear mounted USB connector or optional RS-232 port.

The 522 Series Development / Test Station is also available with VITA 48.2 specification compliant conduction cooled card guides for any or all slot locations.



522 SERIES

6U VPX DEVELOPMENT/ TEST STATION

DESIGN SPECIFICATIONS:

Physical
- Height: 17.6”
- Width: 12.4”
- Depth: 15.6”
- Weight: 25lbs.

Materials:
- Side Panels: .19” 5052-H32 Aluminum
- Top and Base: .09” 5052-H32 Aluminum
- Extrusions: 6063-T6 Aluminum

Finish:
- Clear Chromate Per MIL-C-5541, CL3
- Base: Painted per FED-STD-595 Color No. 25630 (Lt. Gray)
- Sides/ Top: Painted per FED-STD-595 Color No. 26373 (Gray)

Environmental:
- Operating Temperature: 0°C to 50°C
- Storage Temperature: -20°C to 85°C
- Humidity: Less than 95% Non-condensing
- Acoustical: 68dBA

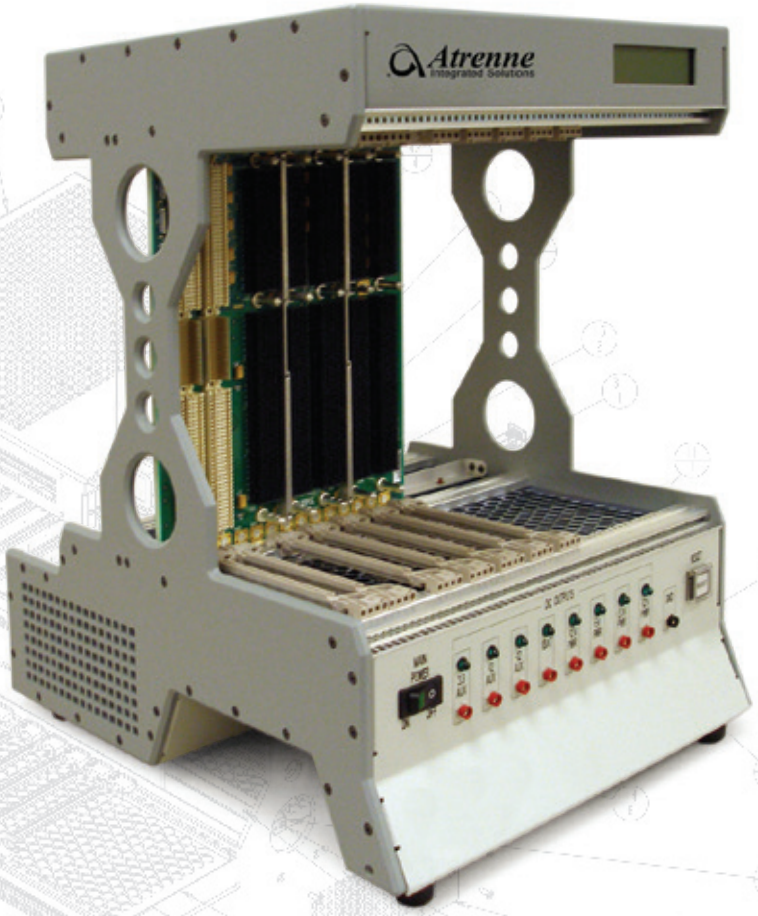
Electrical:
- Input: 120VAC
- Frequency: 50-60 Hz.
- Fusing: Circuit Breaker, 12A

Power Supply:
- DC Outputs: +5v @ 200w, 3.3v @ 33w, +12v @ 500w, -12v @ 30w 3.3v Aux @ 16.5w, +12v Aux @ 50w, -12v Aux @ 50w, VBAT @ .015W
- Total Available Power: 900 watts

Cooling:
- (2) 12vdc Fans
- Current Draw: 3600mA
- 400 CFM

Backplane:
Consult factory for all available profiles

Designed to Meet:
- UL60950; CSA 22.2



PART NUMBERING / ORDERING INFORMATION:

P/N	DESCRIPTION
5226005-02	Chassis:Configured with 5 Slots Mesh Backplane Profile:BKP6-DIS05–11.2.16.3
5226007-02	Chassis:Configured with 10 Slots Mesh Backplane Profile:BKP6-DIS10–11.2.16.3
5226200-02	Chassis:Configured with 10 slots Power/GND/Utility Backplane

The 522 6U Series Development/Test Station is offered in a wide variety of standard configurations. Consult the factory or your Atrenne representative to configure your Development/Test Station.

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