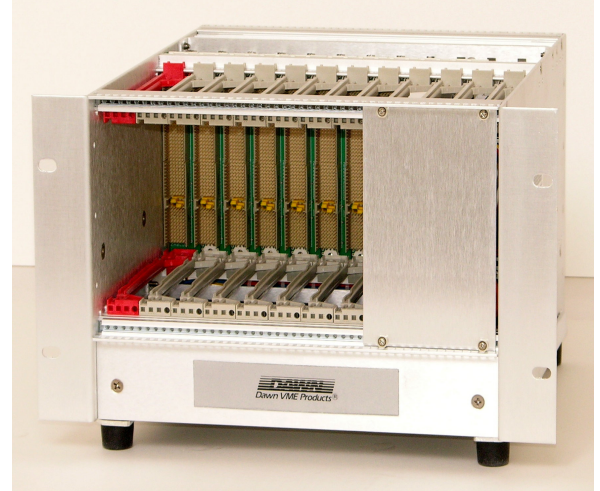Development Chassis: 1290 Series

TableTop Multi-Platform 3U Development Chassis
Featuring cPCI, VXS, and VPX Backplanes
Next Generation to Dawn's Popular 5856 Table Top Development Chassis (DEV-6112)

Features

♦ Choice of Backplanes
♦ 8-Slot, 3Ux160MM, 1101.10 cardcage
♦ 8-Slot, 3Ux 80MM, 1101.10 RTM cage
♦ I/O accessible through rear TM cardcage
♦ Rear mounted power switch
♦ 1U ATX Style power supply
♦ 2ea, 12VDC fans
♦ Table top rubber feet
♦ Fully assembled, wired and tested

Overview

Dawn's new 1290 Series Multi-Platform Table-Top Development 1101.10 compatible Chassis is the ideal choice where small size, light weight, portability, basic features and low cost are desired. The open frame design provides all the basics for getting your board set up and running without breaking your budget. This chassis travels well between the bench top and the trade show, allowing you to demo your new boards.

This chassis features two high-performance cooling fans, rear mounted on/off switch, table-top rubber feet, and perforated top cover. Within the 11.75" depth, a front 6U x 160MM, card cage and rear 6U x 80MM transition module card are provided to fully support your boards and I/O. The 1U ATX Power Supply provides adequate power for most configurations. The backplane may be up to 8-slots and may be cPCI 2.1, cPCI 2.16, VME, Vita 41 (VXS), or Vita 46 (VPX) or custom.

Technical Specification

Mechanical
Compatibility: ANSI/VITA 1-1994 and IEEE 1014, IEEE 1101.10
Material: Aluminum 5052-H32/6061-T6
Finish: Brushed 220 Grit
Plating: Clear Alodine 1500
Dimensions: About 4U (7.0")H x 12.0"W x 11.75" D
Weight: Approximately 8 lbs.

Electrical

Maximum Power Draw Per Slot: About 60 Watts
Total Power not to Exceed 300W
Power Supply Input: 90-135VAC, 47-63Hz
Power Supply Output: +3.3V/20A, +5V/30A, +12V/16A, -12V/.8A

Environmental

Storage Temperature: -20^0C to $+85^0$C
Operating Temperature: 0^0C to $+50^0$C
Humidity: <95% non-condensing
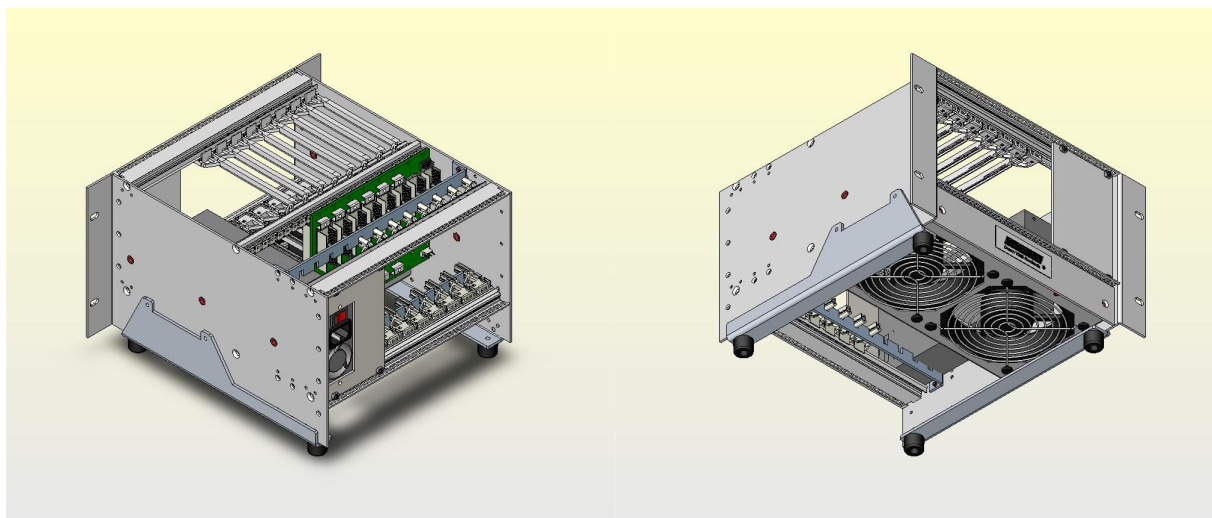**Cooling:** Two (2) 4.5", 82CFM, 12VDC Fans

Dawn VME Products®

Ordering Information

11-1011290-WXYZ

System Power
300W

Backplane
VME
VME64x
VITA 41 (VXS)
VITA 46 (VPX)

Enclosure Dimensions

Rear View   **Side View**

Other Products from Dawn:

- Card cages for commercial, aerospace and Military applications
- Enclosure 3D solid model design and production from commercial to full rugged military
- Custom and Standard product PCB design, layout, production
- *RuSH*TM Rugged system health monitor
- Backplanes for cPCI 2.1, cPCI 2.16, VME, VME64x, VXS, VPX, CUSTOM, Build to Print
- Powered Enclosures for Development, Prototype, Production, Deployment
- Prototype Boards, Extender Boards, Form Factor Extenders
- Front Panels, Filler Panels, Custom Panels, Build to Print Panels
- Build to print machining, fabrication and assembly