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Data Sheet

August 15, 2026

DAWN VME

Dawn VME DEV-7713 VME64x Tabletop Development Chassis

The Dawn VME DEV-7713 is a 6U VME64x tabletop development chassis purpose-built for VMEbus system prototyping, integration, and evaluation. Featuring a 9-slot backplane with optimized signal integrity and automatic IACK/BG daisy chaining, it delivers a stable platform for laboratory-based hardware and software development. The integrated 400W ATX power supply supports distributed loads across all slots, while eight 12VDC fans maintain controlled bottom-to-top laminar airflow. Housed in a durable H5052 aluminum enclosure with powder-coat black finish, the DEV-7713 accommodates standard IEEE1101.10 cards and includes a transition module cage for 6U × 80mm IEEE1101.11 rear plug-in capability. Form Factor: 6U × 160mm card cage with 9-slot VME64x backplane (J1/J2 connectors) Backplane: J0 connector available with installed shrouds; optimized impedance for crosstalk minimization; automatic I



MODEL

Dawn VME DEV-7713

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

DEV-7713

LISTING

<https://aumictechlabs.com/products/dev-7713-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

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laboratory-based hardware and software development. The integrated 400W ATX power supply supports distributed loads across all slots, while eight 12VDC fans maintain controlled bottom-to-top laminar airflow. Housed in a durable H5052 aluminum enclosure with powder-coat black finish, the DEV-7713 accommodates standard IEEE1101.10 cards and includes a transition module cage for 6U × 80mm IEEE1101.11 rear plug-in capability. Technical Specifications Form Factor: 6U × 160mm card cage with 9-slot VME64x backplane (J1/J2 connectors) Backplane: J0 connector available with installed shrouds; optimized impedance for crosstalk minimization; automatic IACK/BG daisy chaining; stiffener included Card Guides: Keyed IEEE1101.10/11 with inject/eject and ESD clips Transition Module Cage: 6U × 80mm IEEE1101.11 rear direct plug-in Power Supply: 400W ATX, 4-output (+3.3V, +5V, +12V, -12V); approximately 40W per slot Input Voltage: 90–264 VAC auto-switching, 47–63 Hz; 8.0A @ 115VAC, 5.0A @ 230VAC Cooling: Eight 12VDC fans with push-pull laminar airflow (bottom-to-top) Front Panel: Power status LEDs for all outputs; probe test points for voltage monitoring Rear Panel: Main power switch and backplane SYSReset switch Dimensions: 20.4" H × 12.6" W × 11.8" D × 0.090" wall thickness Weight: 24 lb Material: H5052 aluminum with powder-coat black satin finish Operating Temperature: 0°C to +50°C Storage Temperature: -20°C to +85°C Humidity: <95% non-condensing Key Features Integrated 400W power distribution with front-panel status monitoring and test access Optimized backplane design with minimized crosstalk and automatic interrupt request daisy chaining Dual card cage configuration supports both standard VME cards and transition modules Active thermal management via eight-fan cooling system Mounting provisions for four half-height 5.25" peripheral devices (blank panels included; optional drive bays available) Typical Applications VMEbus prototype development and evaluation System integration and hardware validation in lab environments Software testing on VME-based architectures Compatibility & Integration The DEV-7713 accepts standard 6U VME64x cards conforming to IEEE1101.10 and supports IEEE1101.11 transition modules via rear plug-in cage. Shrouded J0 and J2 connectors ensure signal integrity across the 9-slot backplane.

DEV7713 Characteristics / Specifications

PARAMETER	VALUE
Model	DEV-7713
Instrument Type	VME64x tabletop development chassis
Family	Dawn VME development enclosures
Slot Count	9 VME64x J1/J2 slots
Backplane	VME64x P1/P0/P2 with P0, shrouds on P2 and P0
Daisy Chain	automatic IACK/BG
Front Cage	6U x 160 mm IEEE 1101.10
Rear Cage	6U x 80 mm IEEE 1101.11 direct plug-in RTM
Card Guides	keyed 1101.10/11 inject/eject with ESD clips
Cooling	eight 12 VDC fans, push-pull laminar bottom to top
Power Supply	400 W ATX with +3.3 V, four outputs
Drive Bays	provisions for four half-height 5.25 inch devices
Front Indicators	power status LEDs
Rear Switches	main power and backplane SYSReset
Finish	durable powder-coat black
Stiffener	backplane stiffener installed
Impedance	optimized signal line impedance, minimum crosstalk
Assembly	fully assembled, wired, and tested
Part Overlay	11-1011777-2119 (Artisan example, J0, no drive)
Environment	office and laboratory tabletop
Manufacturer	Dawn VME Products
Literature	Dawn DEV-7713 product page and DEV-7713 datasheet bullets
System Role	9-slot VME64x development card cage

DEV7713 Specifications

PARAMETER	VALUE
Applications	Office and lab VME64x board bring-up with 9 slots, RTM cage, and 400 W ATX rails.
Key Features	9-slot VME64x P1/P0/P2 with automatic daisy chain
IEEE 1101.10 6U/160 mm plus 1101.11 80 mm RTM cage	Eight-fan 12 VDC push-pull cooling
Technical Specifications	Model: DEV-7713

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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Notes	
From Dawn VME DEV-7713 product page and Artisan 11-1011777-2119 overlay. ATX rail millivolt/amp nameplate values belong on the installed 400 W supply label.	

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.