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Data Sheet

August 13, 2026

ASTRONICS / EADS / RACAL

Astronics / EADS / Racal 1264B 6-Slot, C-Size VXI Mainframe, Benchtop

Astronics / EADS / Racal 1264B 6-Slot C-Size VXI Benchtop Mainframe The Racal Instruments 1264B is a compact 6-slot C-size VXIbus benchtop mainframe in the 1264 family (related successors 1264C/D). It provides modular power with about 800 W available and 500 W usable class capacity (family datasheets), pressurized plenum cooling with slot blockers, and go/no-go status indicators for power rails, fan, and temperature. Designed for portable and space-constrained VXI systems; rack ear/slide kits apply on related family models. The Racal Instruments 1264B is a compact 6-slot C-size VXIbus benchtop mainframe in the 1264 family (related successors 1264C/D). It provides modular power with about 800 W available and 500 W usable class capacity (family datasheets), pressurized plenum cooling with slot blockers, and go/no-go status indicators for power rails, fan, and temperature. Designed for portable and space-constrained VXI systems; rack ear/slide kits apply on related family models. Portable or benchtop VXI instrument systems; small ATE racks needing six C-size slots; development of register-based and message-based VXI modules; space-constrained production test fixtures.

**MODEL****Astronics / EADS /
Racal 1264B****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****1264B****LISTING****[https://aumictechlabs.c
om/products/1264b-2/](https://aumictechlabs.com/products/1264b-2/)**

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NAICS 423690 • 811210 • 541380

This unit

The Astronics/EADS/Racal 1264B is a 6-slot, C-size VXI mainframe engineered for benchtop test and measurement systems. This lightweight chassis accommodates VXI modules in a compact form factor while delivering 500 W of usable power from an 800 W supply with auto-ranging input (115 VAC $\pm 10\%$ / 230 VAC $\pm 10\%$). The modular power supply assembly includes wireless interconnect and comprehensive protection against over-voltage, over-temperature, over-current, and short-circuit faults with status indication across all seven rails. Technical Specifications Power Delivery Available power: 800 W Usable power: 500 W Input voltage: 115 VAC $\pm 10\%$ (standard); 230 VAC $\pm 10\%$ (optional) Auto-ranging power supply with seven monitored rails Full fault protection with status indicators Thermal Management Pressurized plenum system with baffling and honeycomb air straightener Slot blockers prevent thermal bypass through unused positions Easily removable air filters Fan operation monitoring with status indicators Acoustic noise: 56 dBA Physical Design Lightweight benchtop chassis Module recess: 3 inches from front face Optional aluminum front door for connector and display mounting Operating temperature: 0° C to 50° C Storage temperature: -40° C to 71° C Key Features VXIbus compliant architecture Slot 0 controller accommodation Modular power supply with wireless interconnect Dedicated thermal isolation and even airflow distribution Environmental compliance: MIL-T-28800 Type III, Class 5, Style F EMC compliance: FCC 47 CFR Part 15 Class A, CE (EN50081-1 Emissions; EN50082-1 Immunity) Compatibility & Integration The 1264B integrates standard VXI modules into a unified measurement platform. Recessed module connectors protect cabling and connections. The optional front door enables custom interface configurations without chassis modification.

1264B Characteristics / Specifications

PARAMETER	VALUE
Model	1264B
Manufacturer	Astronics Test Systems / EADS / Racal Instruments
Instrument Type	6-slot C-size VXI benchtop mainframe
Slots	6 each C-size VXI
Form	Benchtop (1264B); related 1264C/D rack/door variants
AC Input Standard	115 VAC +/-10%
AC Input Optional	230 VAC +/-10% (Option 71 class on family)
AC Line Frequency	47 to 63 Hz
Max Input Power	1000 VA (family)
Total Usable Power	500 W (family)
Total Available Power	800 W (family) +5 V Peak Current (IMP): 45 A -5.2 V Peak Current (IMP): 30 A +12 V Peak Current (IMP): 8 A -12 V Peak Current (IMP): 8 A +24 V Peak Current (IMP): 4 A -24 V Peak Current (IMP): 4 A -2 V Peak Current (IMP): 15 A
PARD Other Rails	50 mVpk-pk
Status Indicators	Go/No-Go for seven supplies, fan, ambient temperature
Acoustic Noise	about 55-56 dBA (family)
Operating Temperature	0 to 50 C (family)
Storage Temperature	-40 to 71 C (family)
Bench Dimensions Class (1264C published)	16.75 inHx 8.7 inWx 21.3 inD Bench Weight Class (1264C published): about 27 lb (12.3 kg)
Environmental Class	MIL-T-28800 Type III, Class 5, Style F (family) Notes Specs primarily from Astronics/Racal 1264C/D family datasheets applied to the 1264B benchtop predecessor. Confirm exact power supply revision and AC voltage option on the unit faceplate.
5.2 V Peak Current (IMP)	30 A
12 V Peak Current (IMP)	8 A
24 V Peak Current (IMP)	4 A

PARAMETER	VALUE
2 V Peak Current (IMP)	15 A

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	40 to 71 C (family)
Operating temperature	0 to 50 C (family)
Operating Temperature	0 to 50 C (family)
Bench Dimensions Class (1264C published)	16.75 inHx 8.7 inWx 21.3 inD Bench Weight Class (1264C published): about 27 lb (12.3 kg)
Environmental Class	MIL-T-28800 Type III, Class 5, Style F (family) Notes Specs primarily from Astronics/Racal 1264C/D family datasheets applied to the 1264B benchtop predecessor. Confirm exact power supply revision and AC voltage option on the unit faceplate.

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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PARAMETER	VALUE
Model	1264B
Manufacturer	Astronics Test Systems / EADS / Racal Instruments
Instrument Type	6-slot C-size VXI benchtop mainframe
Specifications	
PARAMETER	VALUE
Slots	6 each C-size VXI
Form	Benchtop (1264B); related 1264C/D rack/door variants
AC Input Standard	115 VAC +/-10%
Specifications	
PARAMETER	VALUE
AC Input Optional	230 VAC +/-10% (Option 71 class on family)
AC Line Frequency	47 to 63 Hz
Max Input Power	1000 VA (family)
Total Usable Power: 500 W (family)	
Total Available Power: 800 W (family)	
+5 V Peak Current (IMP): 45 A	
-5.2 V Peak Current (IMP): 30 A	
+12 V Peak Current (IMP): 8 A	
-12 V Peak Current (IMP): 8 A	
+24 V Peak Current (IMP): 4 A	
-24 V Peak Current (IMP): 4 A	
-2 V Peak Current (IMP): 15 A	
PARD +/-24 VDC: 150 mVpk-pk	
Specifications	
PARAMETER	VALUE
PARD Other Rails	50 mVpk-pk

PARAMETER	VALUE
Status Indicators	Go/No-Go for seven supplies, fan, ambient temperature
Acoustic Noise	about 55-56 dBA (family)

Specifications

PARAMETER	VALUE
Operating Temperature	0 to 50 C (family)
Storage Temperature	-40 to 71 C (family)
Bench Dimensions Class (1264C published)	16.75 inHx 8.7 inWx 21.3 inD Bench Weight Class (1264C published): about 27 lb (12.3 kg)

Environmental Class: MIL-T-28800 Type III, Class 5, Style F (family)

Notes

Specs primarily from Astronics/Racal 1264C/D family datasheets applied to the 1264B benchtop predecessor. Confirm exact power supply revision and AC voltage option on the unit faceplate.

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.