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Freeway 4000

Note: The Freeway 4000 is no longer in production. New installations should use a Freeway 3115, a Freeway 3215, or a Freeway 3415 instead.

Based on a passive backplane using a VMEbus, the Freeway 4000 contains 4 slots for VME-based Intelligent Communications Processor boards which support up to 64 serial ports of legacy protocols per enclosure. LAN connections are via standard Ethernet. An optional SCSI hard drive can be used to store boot parameters and network applications.

Technical Specifications	
System	**CPU:** Motorola-based **RAM:** 4MB to 64MB **Bus:** VMEbus **Operating System:** VxWorks®
ICPs[1]	**Max # of ICPs:** 4 **CPU:** Motorola-based **RAM:** 4MB
Serial Ports	**Max # of ports:** 32/64[2] **Type:** Full duplex, DMA support **Electrical Interfaces:** EIA-232, EIA-449 (422), EIA 530, MIL-STD-188C, V.35
LAN Connections	Ethernet
Disk Drives	SCSI hard disk[3]
Physical	**Mount:** Rackmount or tabletop **Height:** 26.7 cm (10.5 in.) 6u **Width:** 48.2 cm (19 in.) **Depth:** 49.5 cm (19.5 in.) **Weight**[4]**:** 21.1 kg (46.9 lbs)
Environmental	**Temperature** Operating: 0º to 55 C (32º to 131º F) Storage/Transit: -55º to 85º C (-67 to 185º F) **Humidity** Operating: 85% at 35º C (95º F) (NC) Storage/Transit: 95% at 35º C (95º F) (NC)

Freeway Overview
Freeway 3115
Freeway 3215
Freeway 3415
Freeway 215

Find a product

Previous Freeway Models:
Freeway 3114
Freeway 3214
Freeway 3414
Freeway 214
Freeway 3112
Freeway 3212
Freeway 3412
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Freeway 3110
Freeway 3210
Freeway 3410
Freeway 3610
Freeway 3100
Freeway 3200
Freeway 3400
Freeway 3600
Freeway 500
Freeway 1150
Freeway 1200
Freeway 1300
Freeway 2000
Freeway 4000
Freeway 8800

	Altitude 0 to 10,000 feet
AC Power	100 to 120 VAC, 200 to 240 VAC: 50 to 60 Hz
Certifications	UL, CSA, FCC, CE

1. Intelligent Communications Processor boards (ICPs) manage the legacy protocols and contain serial ports that connect to the WAN. The Freeway 4000 uses ICP6000X boards.

2. The maximum number of ports depends on the electrical interface. The larger number is the maximum ports when using the EIA-232 electrical interface. The smaller number is the maximum ports for all other electrical interfaces.

3. Optional

4. Excluding ICPs

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