



Model 8204
Portable VME Chassis



Model 8221
Desk Top/Rack Mount VME Chassis



Model 8241
Switchless VXS Chassis

General Information

Pentek offers several popular VME card cage enclosures to suit your development or production system requirements.

Designed to Pentek's specifications, they are available in tower and desktop/rack-mount configurations. All systems include J1 and J2 backplanes, line filters, cables and switches. They come fully wired, tested and ready to run.

These enclosures could very well represent the last item in your one-stop shopping for an innovative DSP system from Pentek that solves all your data acquisition, processing and analysis needs.

Portable Tower Systems

Model 8204 is a standalone portable VME64 enclosure with seven vertical slots, three fans and a 500-Watt power supply. It includes a carrying handle and feet, and has a vinyl-clad scratch-resistant exterior. The 8204 is perfect for prototyping as well as portable systems.

Desk Top and Rack Mount Systems

Model 8211 is a VME64 enclosure with 12 vertical slots, two fans, a 500-Watt power supply and two disk drive bays. In this system, the power supply is mounted in the rear, while the fans are mounted below the card slots for air flow from bottom to top. The 8211 has provisions for both rack mounting and desk top use.

Model 8221 is a 21-slot version of Model 8211. It has three fans and a 750-Watt power supply. It does not feature disk drive bays. The 8221 has provisions for both rack mounting and desk top use.

High-Cooling Systems

Model 8213 is a VME64x enclosure designed for systems with high power/density boards that require better than average cooling. It has 12-slots with an 800-watt power supply. Two 130 cfm fans provide forced-air cooling, with a plenum feed at the bottom of the rack. This rack has provisions for both rack mounting and desk top use.

VXS Systems

Model 8241 is a five-slot enclosure that offers a perfect environment for developing, testing and implementing small VXS systems. It features full VITA-41 compliant VXS fabric support for three payload cards without the need for a switch card. The two remaining slots support standard VME64x boards.

The 8241 offers effective cooling for high-powered VXS cards. Two 150 cfm fans configured in a push-pull configuration are used for optimum air flow. An optional system health monitor allows monitoring, powerdown and control of chassis parameters such as fan speed, temperature and system voltages.

Card cages featuring switch card slots are planned for future availability.

Ordering Information, VMEbus Card Cages

Model	Dimensions	Drive Bays	Slots	Fans	Power Supply
VME64 Portable Card Cages					
8204	17" H x 10.5" W x 13.4" D	—	7	3 (220 cfm)	500 W
VME64 Rack Mount Card Cages					
8211	12.2" H x 19" W x 16.3" D	2	12	2 (160 cfm)	500 W
8221	12.2" H x 19" W x 16.3" D	—	21	3 (240 cfm)	750 W
VME64x Rack Mount High-Cooling Card Cages					
8213	21" H x 19" W x 22" D	—	12	2 (260 cfm)	800 W
VXS Card Cages (VITA 41)					
8241	13" H x 7" W x 12" D	—	5*	1 (190 cfm)	500 W

*Three payload slots, two VME64x slots