

A full-featured VXI platform, the V193 VXI mainframe provides space for up to 6 C-size VXI boards. A rigid steel cardcage and formed aluminum housing add strength without excessive weight. The flush front cardcage and open back give unrestricted access for probes and cabling. The V193 is a powerful and flexible system that can operate as a desktop or portable system, enabling it for use in board-level development as well as manufacturing and test.

### **TYPICAL APPLICATIONS**

Data acquisition and control systems  
Automatic test equipment (ATE)  
Board-level development  
Manufacturing and test

## **V193**

### **6-slot, C-size, VXIbus Mainframe**



With compact size and increased cooling, the V193 is the ideal choice to support your high performance VXI instrumentation.

### **FEATURES**

- Cost-effective design
- Compact bench-top design; <15" overall height
- Flush vertical subrack for improved access
- (2) 150 cfm high-pressure cooling fans
- 800 watt power supply with PFC
- 6-slot high-current VXI backplane
- Rear of backplane fully accessible for probing and I/O
- Removable rear cover option
- Rugged steel and aluminum construction



## GENERAL DESCRIPTION

The V193 provides space for up to 6 C-size VXI boards and is the ideal test and development platform for any VXI application. Featuring increased power and cooling capacity, small size and low weight, the V193 is perfect for use in the field or the lab. These features, combined with the ability to operate as a desktop or portable system, make it the ideal platform for software and board-level development as well as manufacturing and test.

ITEM	SPECIFICATION
Power	800W, AC input with PFC
Total output	800W, maximum with all output combined
Efficiency	70 - 80% typical
Power Factor	0.99 with PFC
Input current	13A at 90VAC; 5A at 230VAC
Maximum Current	
+5V	45 A
-5.2V	45 A
-2.2V	35 A
+/-24V	4 A
+/-12V	4 A
Input Voltage	
Input voltage range	90 - 264VAC, universal input
Frequency	47 Hz to 440 Hz
Backplane	6 slot, VXI 'C' size monolithic, 96 pin high current DIN connectors
Cooling	
Airflow	Front/ bottom intake, top exhaust, evacuated
Fan	(2) 150 cfm, tube-axial, 12VDC
Dimensions	
Height	15.68" (399 mm)
Width	12.09" (307 mm)
Depth	16.02" (407 mm)
Weight	23.7 lbs. (10.8 kg)
Rear cover	Optional rear cover protects backplane and wiring during transport or non-use; attaches using (4) thumbscrews
Environment	
Operating temperature	0°C to 50°C
Storage temperature	-20°C to 70°C
Humidity	5% to 95% (non-condensing) at 40°C operating, 0 - 95% non-operating
Acoustic	< 55 dBa (1 meter)

## ORDERING INFORMATION

MODEL	DESCRIPTION
V193-AA11	6-Slot, C-Size, VXIbus Mainframe
V193-0001	Non-shielded single-slot filler panel, 6U X 8T; installs in vacant slots
V193-0002	Subrack air restrictor plate, 6T x 340mm
V193-0003	S24 VXI rear cover kit, includes (4) 6-32 thumbscrews

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