

## DP-cPCI-8118

## 4U cPCI Chassis

### KEY FEATURES AND BENEFITS

- 6 slot 6U cPCI backplane
- Accepts both 3U and 6U modules
- Compact PCI specification compliant
- Supports 235W ATX power supply
- Power ON and Status LED

### APPLICATIONS

- Automatic Test Equipment
- Data Acquisition System
- Field system

### DESCRIPTION

DP-cPCI-8118 is a compact high performance 4U cPCI chassis. Compliant with the compactPCI specifications this provides the right platform options to meet small system integration needs. The chassis features modular construction and integrated cooling. The DP-cPCI-8118 is available with high-performance backplane and ATX power supply.

### FUNCTIONAL DESCRIPTION

The DP-cPCI-8118 can be utilized for 2 - 6 slot application requirements and can accept both 3U and 6U modules. 6U modules are accommodated by horizontal mounting.

A 3.5" floppy drive and a slim CD ROM/CD R-W can be mounted on the front panel of the chassis. There is provision for terminating the I/O's at the rear side through field interface connectors. LAN, USB connectors, VGA and power supply with EMI filters are also provided at the rear side of the chassis. LEDs for power ON indication and status are also provided on the front panel. This chassis is provided with a 6U 64/32 bit backplane. It is a flexible platform to build any standard cPCI system in space constrained application.

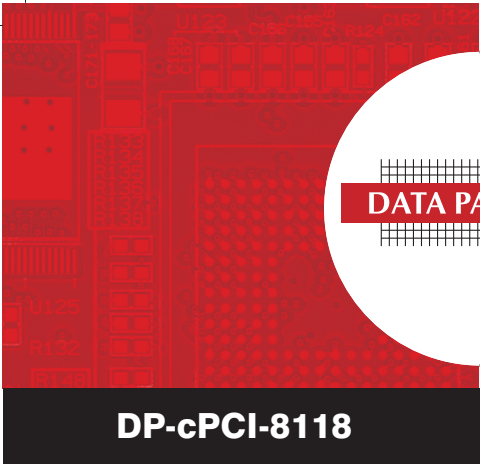
### COOLING

Cooling fan integrated with the Chassis provides filtered forced-air cooling. This arrangement ensures adequate cooling thereby reducing operating temperature and prolongs the operational life of the modules.

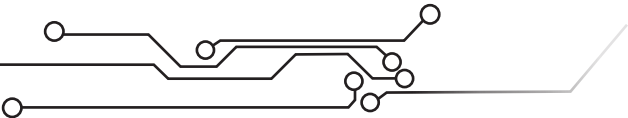
### TYPICAL 4U cPCI CHASSIS IMPLEMENTATION

This is a specific implementation of a portable 4U cPCI chassis with an integrated 6.4" LCD display of 640 x 480 resolution and a key board with a touch pad. OSD controls are available on the front panel of the LCD. LCD, Keyboard, Panel meter and Case are optional equipment.





DATA PATTERNS



DP-cPCI-8118

SPECIFICATIONS

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BACKPLANE	Upto 6 slot including one system slot and 5 peripheral slots
MECHANICAL	482mm (L) x462mm (W) x 175mm (H)
WEIGHT	Depending on configuration
OPERATING TEMPERATURE	Commercial version only
POWER SUPPLY	
Input	230V AC @ 50Hz
Output	235W

ORDERING INFORMATION

DP cPCI 8118 3 0 0

