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TECHNOLOGY GROUP

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with experienced engineers and technicians on staff.

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so your equipment works exactly as you specify.

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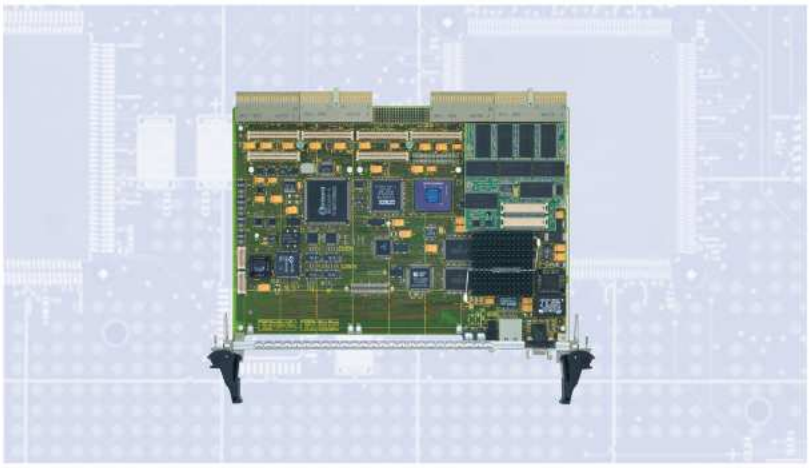
Expert team | Trust guarantee | 100% satisfaction

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Find the *Emerson / Motorola / Force Computers CPCI-6750/128S-400-L1M-8R2* at our website: ***Click HERE***

DATASHEET

PowerCore CPCI-6750
The Next-Generation High-Performance PowerPC Card for CompactPCI



PowerCore CPCI-6750

- **Telecommunications**
- **Datacommunications**
- **Industrial Control**
- **Government**

Features

PowerPC-based Single Slot Real-Time Engine

- PowerPC 750 processor, 300/400/450 MHz, 1 MByte L2 cache; 233 MHz, 512 KByte L2 cache
- 16 to 256 MByte DRAM (SDRAM or EDO/ ECC)
- 4 or 8 MByte User Flash, 512 KByte Boot Flash
- 10BaseT/100Base Tx Ethernet
- Two serial ports
- Two PMC slots
- Programmable watchdog
- Full Hot Swap peripheral slot card
- Single-slot design

Highlights

The PowerCore CPCI-6750™, the new board in Force's PowerCore™ product family, combines enhanced processor performance with the new CompactPCI architecture. With this product, you'll not only design more powerful systems, you'll capitalize on the economies of scale of desktop technologies. The open standard of CompactPCI allows you to choose from numerous hardware and software vendors, so you'll adapt system designs to specific applications quickly and easily. You'll focus on product enhancements instead of basic computing. And deliver superior systems for applications in the industrial and telecommunications markets.

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PowerCore CPCI-6750

SPECIFICATIONS

Processor Subsystem

Processor

- PowerPC 750, 233 MHz, 300/400/450 MHz
- L2 Cache: 512 KByte (233 MHz) or 1 MByte (300/400/450 MHz)

Local Bus

- PCIbus connecting processor to local I/O devices, PMC slots, and CompactPCI interface

Main Memory

- Up to 192 MByte EDO DRAM with ECC or 256 MByte synchronous DRAM for high-performance access on memory modules

User Flash Memory

- 4 MByte (233 MHz) or 8 MByte (300, 400 MHz) on-board

I/O Capabilities

- Fast Ethernet controller 21143A, 100BaseTX on front panel
- Two RS-232 serial ports on front panel

PMC Expansion

- Two free slots, both with rear I/O access

CompactPCI Interface

- PCI-to-PCI bridge, peripheral slot

Software

- Vx Works Tornado
- LynxOS
- Linux

Contact your sales representative for availability of additional RTOS ports

Environmental

Operating Range

- Temperature: 0°C to +55°C with forced air cooling
- Relative Humidity: 5% to 95% @ 40°C non-condensing

Storage Range

- Temperature: -40°C to +85°C
- Relative Humidity: 5% to 95% @ 40°C non-condensing

Dimensions

- Single slot 6U CompactPCI
- 6.29" x 9.18" (160 mm x 233.5 mm)

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www.forcecomputers.com

Force Computers is the Partner of Choice for Open, Scalable, Highly Available Embedded Computing Platforms to the leading OEM's in the Communications Market

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Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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