ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

**Artisan Technology Group**
(217) 352-9330 | sales@artisantg.com | artisantg.com

**Full-service, independent repair center**
with experienced engineers and technicians on staff.

**We buy your excess, underutilized, and idle equipment**
along with credit for buybacks and trade-ins.

**Custom engineering**
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

**Expert team | Trust guarantee | 100% satisfaction**

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *Adlink cPCI-6770/P7* at our website: ***Click HERE***

# cPCI-6770 series

## 6U CompactPCI Single Slot Low Power Pentium-III CPU Module With PMC, High End VGA and LAN




### Features

- Standard 6U form factor, single-slot (4TE/HP) width
- Design for low power BGA2 Pentium-III CPU running at FSB 100MHz
- Two 144-pin SODIMM socket supports up to 512MB SDRAM
- Build-in housing for 2.5" low profile HDD
- On-board high performance AGP VGA output by ATI Mobility Radeon M6 controller
- One 10/100Mbps Ethernet port by Intel 82559 controller
- Supports Intel pre-boot execution environment (PXE) for remote boot
- Supports CompactFlash type-II socket via optional removable adaptor

### Specifications

| | |
|---|---|
| CompactPCI Standards | PICMG 2.0 R3.0 |
| Form Factor | 6U cPCI (233.33x160mm), 1 slots (4HP) wide |
| CPU/Cache | Intel BGA2 mobile Pentium-III up to 850MHz with 256K on-die L2 cache |
| Front Side Bus Speed | 100MHz |
| Chipset | 440BX |
| BIOS | Award 2Mb flash memory |
| RAM | Two 144-pin SO-DIMM sockets, up to 512MB SDRAM |
| cPCI Bus Interface | 32-bit/33MHz, support 7 bus-mastering devices, TI PCI2050 PCI to PCI bridge |
| VGA | ATI Mobility Radeon M6 with 8MB VRAM |
| LAN | Single 10/100Mbps Ethernet Port by Intel 82559 |
| IDE | UDMA-33, dual channels; built-in 2.5" ATA HDD housing |
| Floppy | Standard 34-pin connector and one slim type FDD connector |
| Flash Disk | Flash2000 2.5" flash drive or CF Card by removable adaptor |
| USB | USB 1.1, single port |
| Front Panel I/Os | COM1 (RS-232, DB-9), COM2 (RS-232/422/485, RJ-45), PS2 KB+MS (combo), USB, LAN, VGA, PMC |
| On-board connectors | FDD (34-pin & slim type), IDE1 & IDE2 (44-pin), LPT (26-pin) |
| Backplane (rear) I/O | None |
| Rear I/O Module Options | None |
| Watchdog Timer | 1~255 sec or 1~255 min software programmable, can generate system reset |
| Other Features | Intel PXE pre-boot on Ethernet |
| Operating Temp. | 0 to 55˚C (inside-chassis temp, CPU type dependant; external air-flow required) |
| Storage Temp. | -20 to 80˚C |
| Shock | 15G peak-to-peak, 11ms duration, non-operation |
| Vibration | Non-operation: 1.88Grms, 5-500Hz, each axis<br>Operation: 0.5Grms, 5-500Hz, each axis, with 2.5" HDD |
| Measured Power Consumption | Low Power P-III-700 & 128MB RAM: 3.2A @ +5V; 5.76A @ +3.3V; 228mA @ +12V (w/o HDD)<br>Mobile P-III-850 & 512MB RAM: 5.8A @ +5V; 5.92A @ +3.3V; 228mA @ +12V (w/o HDD) |
| Certificate or Test | CE; FCC class B; HALT |

### Ordering Information

| Model number | Description/Configuration |
|---|---|
| cPCI-6770/P7 | 6U cPCI Single Slot Low Power P-III-700 System Host CPU Module with ATI VGA, LAN and PMC Slot, No Rear I/O |
| cPCI-6770/P8 | 6U cPCI Single Slot Low Power P-III-850 System Host CPU Module with ATI VGA, LAN and PMC Slot, No Rear I/O |
| DB-6760CF | Removable CompactFlash Type-II Socket Adaptor for cPCI-6760D/6770 |

Note: Front CPU modules and DB-6760CF adaptor are sold separately



Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

**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.

## Learn more!

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

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP