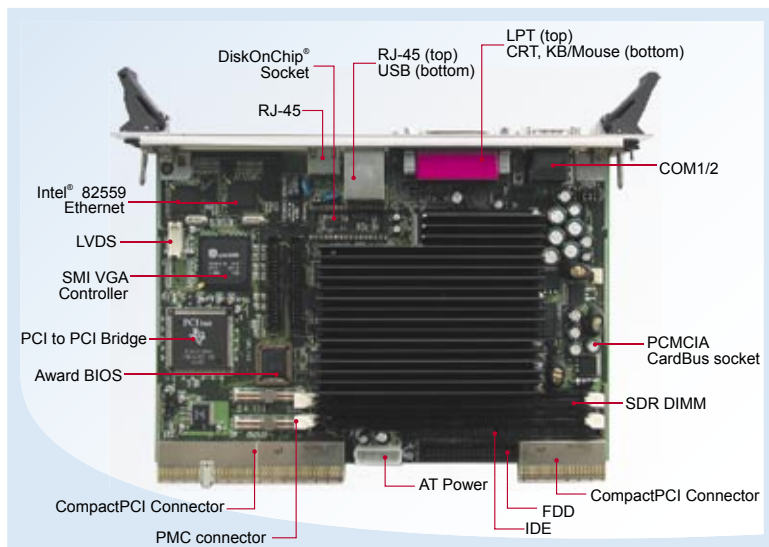


CompactPCI IBC700

Intel® Mobile Pentium® III / Celeron® 6U CompactPCI Board

Mobile Pentium®III-Based



>> Features

- Supports Pentium® III / Celeron® processors
Up to 700MHz, 66/100MHz FSB
- SDR DIMM x 2, max. 512MB
- 2 x Intel® 82559 10/100 BaseT Ethernet
- SMI VGA, 4MB, LVDS/TTL interface
- Onboard PMC, PCI to PCI bridge
- DiskOnChip®, 2 x USB 1.1 ports

System

CPU	Intel® Celeron® / Pentium® III BGA2 package, up to 700MHz
System Memory	SDR DIMM x 2, max. 512MB
System Chipset	Intel® 440BX AGPset, 66/100MHz FSB
BIOS	Award 2Mbit
Watchdog Timer	16 levels
SSD	DiskOnChip®
H/W Monitor	Yes
Expansion Slot	Compact PCI R2.0, 3.0

Graphics

VGA Controller	SMI SM721G4
VGA Memory	4MB embedded
LCD Interface	24-bit LVDS 48-bit TTL

Ethernet

LAN Controller	2 Intel® 82559, 10/100Mbps
Connector	2 RJ-45 on board

Multi I/O

Chipset	Winbond W83977EF-AW 2x IDE (UDMA33), 1x FDD, 1x KB, 1x Mouse 1x RS-232, 1x RS232/422/485, 1x LPT
USB	2 ports (USB 1.1)
Audio	N/A

Mechanical and Environmental

Dimensions	233mm x 160mm (9.17" x 6.3")
Max. Power Requirement	Mobile BGA2 700MHz w/ 512MB SDRAM +5V: 10.2A +12V: 2.21A
Operating Temperature	0°C~60°C (32°F~140°F)
Storage Temperature	-20°C~80°C (-68°F~176°F)
Relative Humidity	10%~90% (non-condensing)

Ordering Information

IBC700-4C	Intel® Mobile Celeron® 400MHz 440BX 6U CompactPCI board with VGA and dual 10/100 Ethernet
IBC700-5P	Intel® Mobile Pentium® III 500MHz 440BX 6U CompactPCI board with VGA and dual 10/100 Ethernet