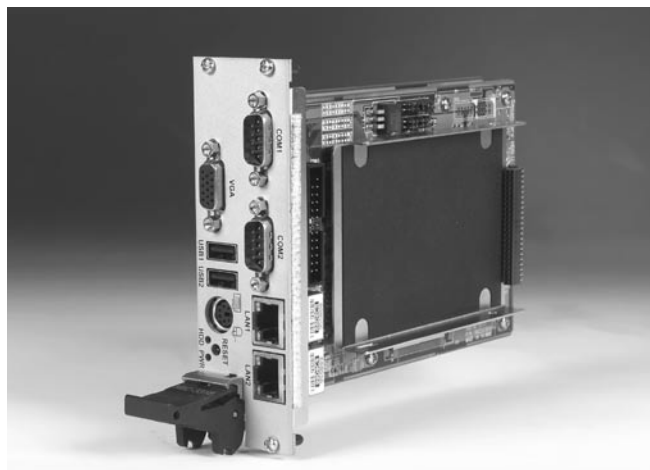


MIC-3318

3U CompactPCI® Pentium® 4-M Controller



Features

- Built-in Intel® Pentium® 4-M CPU processor up to 1.7 GHz
- Supports up to 512 MB DDR-266 memory on board
- On-board high-performance VGA display
- Dual Gigabit Ethernet with RJ-45 connector on board
- Supports 2 Ultra ATA 33/66/100 high-speed IDE devices
- Onboard CompactFlash® disk socket
- One PCI-to-PCI bridge drives up to 7 bus master peripherals
- Advantech Hot-swap Manager to support Advantech I/O and Communication Hot-swap function
- Rear I/O signal support for easy wiring (MIC-3318R only)
- Supports on-board 2.5" HDD

Introduction

The MIC-3318 is a 3U CompactPCI® controller that has been optimized for its on-board Intel® Pentium® 4 Processor-M, and Intel® 845 GV Chipset. Designed to be a high performance CompactPCI® platform, MIC-3318 delivers compelling system bus speed performance at 400 MHz with its Intel NetBurst™ microarchitecture. Innovative wide data paths and flexible memory refresh technology optimize the DDR SDRAM's performance in the MIC-3318. 512 KB of On-die L2 Cache, and dual Gigabit Ethernet ports are also provided.

MIC-3318 is a powerful 3U CompactPCI® Controller that fulfills your requirements in mission-critical applications, such as military defense, transportation, traffic control, test and measurement (T&M) as well as critical data acquisition & control applications.

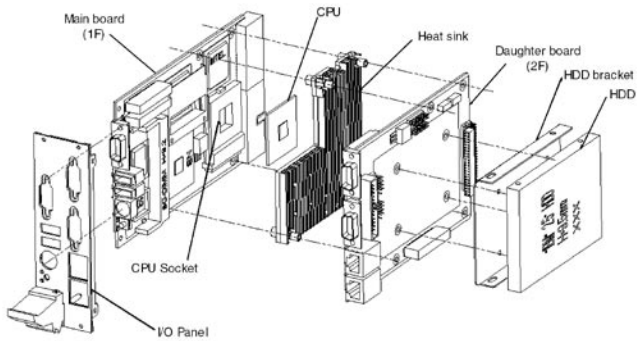
Specifications

CPU	Intel® Pentium® 4 Processor-M	
Max. CPU Speed	1.7 GHz (400 MHz FSB)	
L2 Cache	512 KB	
Chipset	Intel® 845GV	
Bus	PCI	32-bit/ 33MHz
	PCI-to-PCI Bridge	PI7C8150
Memory	Technology	PC-2100 DDR266 SO-DIMM
	Capacity	1 GB
Graphic Controller	Intel® 845GV	
Ethernet Controller	Intel® 82540	
Watchdog Timer	0 ~ 255 sec.	
CompactFlash Slot	On-board x 1	
I/O Interface	VGA	MIC-3318: On-board x 1 MIC-3318R: On-board x 1, Rear I/O (Shared)
	LAN	MIC-3318: On-board x 2 (GbE) MIC-3318R: On-board x 2 (GbE), Rear I/O x 1 (GbE, Shared)
	Serial	MIC-3318: On-board RS-232/422/485 x 2 MIC-3318R: On-board RS-232/422/485 x 2, Rear I/O x 1 (Shared)
	USB	MIC-3318: On-board v2.0 x 2 MIC-3318R: On-board v2.0 x 2, Rear I/O x 2
PICMG Compliance	CompactPCI V2.0, R 3.0 Hot-Swap V2.1, R 2.0	
OS Support	Windows® 2000/XP	
Operating Temperature	-10 ~ 60° C @1.2 GHz CPU -10 ~ 50° C @1.7 GHz CPU	
Storing Temperature	-40 ~ 80° C (-40~140° F)	
Humidity	95% @ 60° C, non-condensing	

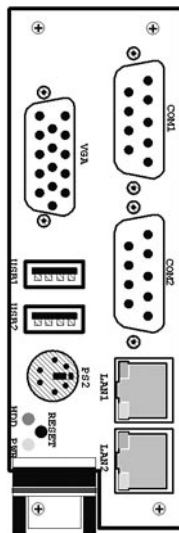
Ordering Information

- **MIC-3318-AC00** MIC-3318 w/ on-board P4-M 1.7 GHz CPU, 256 MB RAM
- **MIC-3318-AD00** MIC-3318 w/ on-board P4-M 1.7 GHz CPU, 512 MB RAM
- **MIC-3318R-AC00** MIC-3318 w/ on-board P4-M 1.7 GHz CPU, 256 MB RAM and Rear I/O support
- **MIC-3318R-AD00** MIC-3318 w/ on-board P4-M 1.7 GHz CPU, 512 MB RAM and Rear I/O support
- **MIC-3518** Rear I/O module for MIC-3318R

Assembling/ Disassembling MIC-3318



Front View of MIC-3318



Front View of MIC-3518

