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 *Advantech MIC-3358* at our website: ***Click HERE***

MIC-3358L

6U CompactPCI Low Power Intel® Mobile Pentium® 4-M Single Board Computer with VGA on board



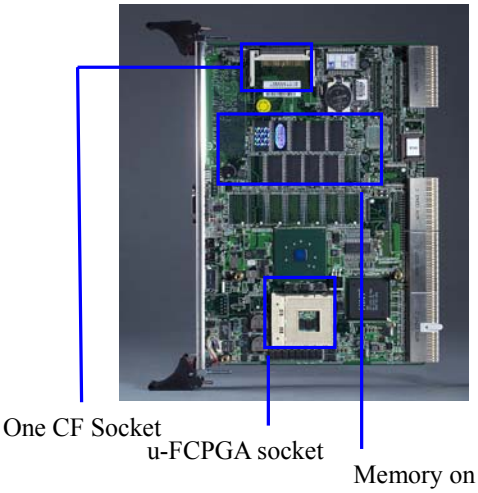
Features

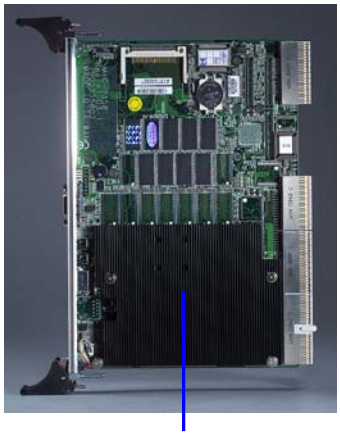
- Low Power Consumption
- Higher Performance -- Intel® Mobile Pentium® 4 processor-M up to 2.2Ghz - Plus (u-FCPGA, Socket 478)
- Intel 845E Chipset support 400/533MHz FSB
- Slim, 6U 4HP form factor
- 256MB memory on board with ECC, and upgradeable to 2GB memory.
- ATI Rage XL VGA on board with 8MB VRAM
- PLX PCI6154 PCI-to-PCI Bridge
- CompactPCI Core Specification, PICMG® 2.0 R3.0
- PICMG 2.1 R 2.0 Specification (Hot Swap) compliant
- PICMG 2.9 Specification (IPMI) compliant

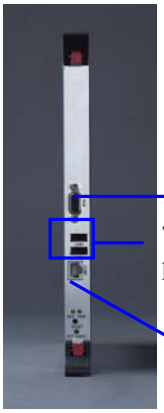
Introduction

The MIC-3358L is a CompactPCI™ SBC to explore the mission critical, high availability Industrial or even military applications which need low power/low heat, high performance, as well as ruggedness under any harsh operating environment.

The MIC-3358L CompactPCI® low power CPU board is optimized for Intel® 845E chipset and mobile Pentium® 4 processor. It is an ultra-high density design with ATX Rage XL VGA and 256MB ECC mode system memory on boards, and upgradeable to 2GB. The ICH4 10/100 Mb fast Ethernet is connected to rear I/O module. MIC-3358L is designed to work as a master mode by equipped with PLX PCI6154 64-bit/32MHz PCI-to-PCI bridge. And feature of PICMG 2.9 (IPMI) compliant benefits the remote system and platform management.







Your ePlatform Partner

ADVANTECH

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

Specifications

Processor System	CPU	Intel® Mobile Pentium® 4-M Processor (Fanless)			
	Max. Speed	2.2GHz (and 2.2GHz Plus – Base on Intel's Roadmap)			
	L2 Cache	512KB on die			
	Chipset	Intel 845E			
	BIOS	Award 4Mb Flash (Network booting/Console Redirect **optional**)			
Bus	Front Side Bus	400/533MHz			
	PCI	32bit/33MHz			
Memory	Technology	DDR-200/266 SDRAM with ECC support			
	Max. Capacity	2GB (**optional**)			
	Integrated	256MB on board			
Graphic	Controller	ATI RageXL			
	VRAM	8 MB on board			
	Resolution	Up to 1600x1200 64k color / 75Hz			
Ethernet	Interface	10/100 Ethernet			
	Controller	ICH4			
	I/O Connector	Via RJ45 connector on RIO card			
EIDE	Mode	PIO mode 4, DMA 66/100 mode			
	Channels	2			
Bridge	Chipset	PLX PCI6154 PCI-to-PCI Bridge (Hint HB2)			
	Bus	Up to 64-bit/33MHz PCI			
	Interface	System mode			
I/O Interface	Serial	1 (COM1)			
Operating System	Compatibility	Windows XP/2000/NT 4.0, Red Hat Linux 9.0, VxWorks			
Hardware Monitor	Controller	Winbond W83782D			
	Monitor	CPU temperature, +3.3 V/+5 V/+12 V			
Watchdog timer	Output	Interrupt, system reset, NMI			
	Interval	Programmable, 0~255 sec.			
Miscellaneous	Solid State Disk	CompactFlash Socket			
	LEDs	HDD, Power, Hot Swap			
	USB (2.0)	2 channels			
	Real Time Clock	Built-in the South Bridge			
Power Requirement (P4-M 1.7GHz)	Voltage	+3.3 V	+5 V	+12 V	- 12V
	Maximum	4.43A	4.9 A	35 mA	< 25 mA
Physical	Dimensions	233.35 x 160 mm (9.19" x 6.3"), 1-slot width			
	Weight	0.8 kg (1.76 lb)			
Environment		Operating		Non-Operating	
	Temperature	0 ~ 55 ºC (32 ~ 131 ºF)		-40 ~ 70 ºC (-40 ~ 158 ºF)	
	Humidity			95 % @ 60 ℃ (non-condensing)	
	Shock	20G		50G	
	Vibration (5-500 Hz)	1.5 Grms		2.0 Grms	
Regulatory	Conformance	FCC Class A, CE			
	NEBS Level 3	Design for GR-63-core & GR-1089-core			
Compliance	Standard	PICMG 2.0, R3.0 CompactPCI Specification PICMG 2.1, R2.0 Hot-Swap Specification PICMG 2.9, R1.0 IPMI Specification			

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

Rear Transition Board

	Rear Panel						On-board header / Socket / Connector						Slot Width
Model	KB & Mouse	COM1	VGA	USB	10-BaseT LAN	Parallel	IDE	FDD	COM1	PRT	USB	Conn.	1
RIO-3309L	1	1	1	1	1	1	1	1	1	1	1	J3/J5	

Ordering Information

Model Number	Front Panel I/O				On Board Main Features			
	LAN	COM**	USB	VGA	CPU	Memory	CF Socket	Slot Width
MIC-3358L*	0	1	2	1	NA	256MB	1	1

* Please order RIO-3309L with MIC-3358L for rear I/O access.
** RJ45 type Com Port

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