

Product Data Sheet

RapidFire 3140 PCI

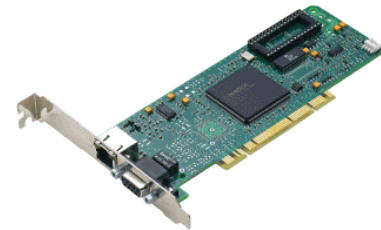
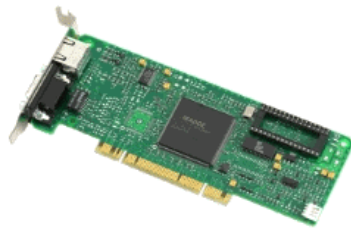
Token Ring Adapter

Part Numbers 3140 2010 & 31-04



Key Features

- ❑ **Easy Integration**
- ❑ **Value and Performance**
- ❑ **Advanced feature set**
- ❑ **Wide Operating System support**
- ❑ **STP and UTP connections**
- ❑ **Standard and Low profile versions**



Overview

The RapidFire Token Ring 16/4 PCI adapters offer high performance, low CPU utilization and a rich set of valuable features, such as Wake-on-LAN and remote boot support. The RapidFire is available as Standard PCI profile, 3140 and the Low Profile PCI format as 31-04.

Easy integration

RapidFire 3140 easily integrates into any network. It is compatible with the latest PCI-based systems and supports automatic detection and selection of the following parameters:

- 4 or 16 Mbps ring speed
- STP or UTP cable type
- Full-duplex (DTR) or shared Token Ring connection

Network drivers for most major operating systems are available from www.madge.com/software. Unattended installation is supported for Windows 95 and Windows NT simplifying workstation rollouts.

Madge LAN Support Software (LSS) supports not only RapidFire 3140, but also all other Madge Token Ring adapters including CardBus, GoCard and PCMCIA and is available from our Web site. This single suite of drivers reduces the amount of software to be maintained and means that a single installation image or procedure can be used across all desktops, workstations, laptops and servers.

Value and performance

RapidFire is the most cost-effective Token Ring connection. It features a high performance PCI bus master interface and has been enhanced with important new features that make it an ideal 16/4 Token Ring adapter.

Advanced feature set

As well as ease-of-use, cost effective pricing and high performance, RapidFire 3140 supports the industry initiatives including Wake-on-LAN, Remote Boot, ACPI (Advanced Configuration and Power Interface) and promiscuous mode (network interrogation) support.

The BootROM socket allows remote boot functionality. This gives Network Administrators the ability to make PC start up more secure and controllable.

The Advanced Configuration and Power Interface (ACPI) is a industry standard for PCI devices. It allows an ACPI-aware PC to understand the power consumption requirements of each PCI device. This means an ACPI operating system such as Windows 2000 can economically control the power state of a PC. The PC can be automatically placed in a low power state and quickly resume full operation at the command of the user or of a remote management console using Microsoft OnNow.

RapidFire 3140 PCI Features

Feature	Benefit
Price / Performance	Best value "without compromise" 16/4 PCI Token Ring connection..
Added value feature set	Wide OS support and advanced functionality make this the most competitive 16/4 adapter
Common UniDriver support	RapidFire 3140V2 can be deployed alongside other Madge PCI adapters, GoCard, PCMCIA and CardBus laptop cards using the same driver suite
Auto-Ring Speed Detect, DTR support and WireSenseTM	Simple installation and configuration ensures no disruption to the existing network. Moves and changes can be implemented without having to reconfigure the adapter.
Unattended installation for Windows 95 and NT 4	Eases roll-out of Windows clients. Fast, simple, efficient and fault free installation and configuration.
Wake-on-LAN and ACPI 1.0 PC power management	Advanced Configuration and Power Interface is a fundamental part of future Microsoft and Intel platforms. It enables management applications to cost-effectively control the power consumption of a PC. Wake-on-LAN allows remote PC wake-up and management.
On-line user guide and diagnostics	Comprehensive support utility (Madge Assist) includes documentation, diagnostics and configuration that can be used with all Madge Token Ring adapters.
Remote boot capability	Allows central boot management for improved security and control for networked PCs.

Madge Networks PCI Adapter Product Overview

	Smart MK4 PCI Standard Profile 51-05 Low Profile 53-05	RapidFire 3140V2 RapidFire 3140 Low Profile
Part Numbers	51-05/53-05	3140 2010/ 31-04
Future-proof 100Mbps capability	✓	✗
Diagnostic LEDs	✓	✓
Automatic ringspeed detection	✓	✓
Wake-on-LAN / OnNow	✓	✗
ACPI support	✓	✗
PC98 compliance	✓	✓
PC99 compliance	✓	✗
Microsoft Certified Drivers	✓	✗
Multiple OS support	✓	✓
Remote Boot options	✓	✓
Server mirroring and PCI HotPlug	✓	✗
	Operates at 4, 16 or 100 Mbps. Widest Operating System support.	Fully featured, cost effective, 16/4 token ring adapter

Ordering Information

3140 2010	Single RapidFire 3140V2 PCI with 1 Wake-on-LAN connector
3140 2110	100-pack RapidFire 3140V2 PCI with 100 Wake-on-LAN connector and 1 software pack
31-04	Single RapidFire 3140V2 Low Profile PCI with 1 Wake-on-LAN connector
31-24	100-pack RapidFire 3140V2 Low Profile PCI with 100 Wake-on-LAN connector and 1 software pack
87-21	Single pack RPL/PXE2 BootRom for 3140 (3140 2010 & 31-04))
87-22	Ten pack of RPL/PXE2 BootRom for 3140 (3140 2010 & 31-04))
87-14	LSS Software and Docs CD

For more information on Madge Networks Token Ring or Wireless products visit www.madge.com