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Find the *Adaptec 2940U2W* at our website: ***Click HERE***

SCSI Card 2940U2W

Assured Ultra2 SCSI Performance and Maximum Configuration Flexibility



Product Highlights

- 80 MByte/sec data burst rates on the Ultra2 SCSI bus
- SpeedFlex™ technology which allows simultaneous operation of Ultra2 and Ultra devices at the full burst rate of each bus
- Extended cable lengths of up to 12 meters for Ultra2 devices
- All four connectors on card can be used concurrently
- Connect up to 15 SCSI peripherals
- Tested for compatibility with over 350 systems and peripherals

Overview

As the power of applications, processors, and storage devices increase, high-end computer users are seeking ways to optimize their system performance. The SCSI Card 2940U2W provides the throughput speed, flexibility, and compatibility required to optimize today's workstations and PC servers. It provides Ultra2 SCSI data transfer rates up to 80 MByte/sec and optimizes the performance of all peripherals attached to the card with SpeedFlex technology. By providing 4 connectors and extended cable lengths, the SCSI Card 2940U2W also allows for maximum system configuration flexibility.

Key Benefits

Maximum Performance

The SCSI Card 2940U2W can burst data up to 80 MByte/sec on the Ultra2 SCSI bus, which doubles the maximum burst rate of Wide Ultra SCSI. This Ultra2 SCSI transfer rate translates into increased performance of data intensive applications.

Assured Ultra2 Performance With SpeedFlex Technology

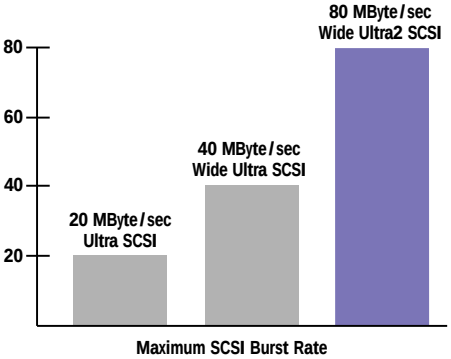
The SCSI Card 2940U2W features SpeedFlex technology which ensures the most performance from Ultra2 peripherals by creating two electronically isolated SCSI bus segments on the card—an Ultra2 segment and an Ultra SCSI segment. These two segments enable the SCSI Card 2940U2W to simultaneously operate at both Ultra2 SCSI and Ultra SCSI speeds. With SpeedFlex, the board can support Ultra2 peripherals at speeds up to 80 MByte/sec on the Ultra2 SCSI bus segment, while simultaneously supporting Fast and Ultra SCSI devices at speeds up to 40 MByte/sec on the Ultra SCSI bus segment. Without SpeedFlex technology, any Fast or Ultra SCSI peripheral connected to an Ultra2 SCSI bus will drop the maximum burst rates of all peripherals on the bus to the Ultra SCSI performance level.

Maximum Configuration Flexibility

The SCSI Card 2940U2W offers maximum configuration flexibility by quadrupling the allowable length of the SCSI bus to a maximum of 12 meters. This feature is particularly useful when configuring external storage and clustered servers. In addition, the SCSI Card 2940U2W provides four connectors, which can all be used simultaneously, and four SCSI cables. The cables enclosed with the kit include a terminated Ultra2 cable and an internal-to-external 50-pin cable, which improve ease of installation and enable a wide variety of system configuration options.

Highest Quality, Maximum Compatibility

The latest in a long line of PCI-to-SCSI cards from Adaptec®, the SCSI Card 2940U2W has been thoroughly tested with over 350 systems and peripherals to deliver the utmost in reliability and compatibility. As the industry leading manufacturer of SCSI cards, Adaptec assures the widest possible compatibility, now and in the future.



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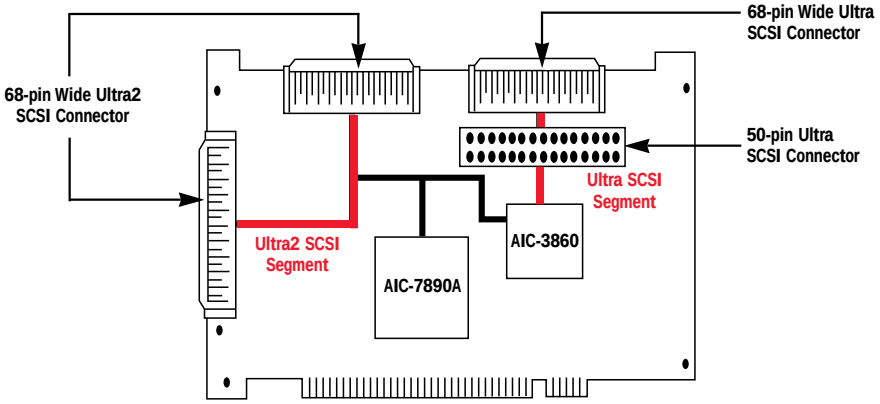
SCSI CARD 2940U2W

Complete Kit Contents:

- AHA®-2940U2W PCI-to-Ultra2 SCSI card
- Adaptec Family Manager Set software drivers for Windows NT™ 4.0 & 5.0, Windows® 95, NetWare 3.1X & 4.X, SCO UnixWare 2.1.2, OS/2 Warp 3 & 4, and SCO Unix 3.2v4.2
- Adaptec EZ-SCSI™: Installation software plus a suite of 32-bit peripheral management applications
- 68-pin Ultra2 SCSI internal cable with termination
- 68-pin Wide Ultra SCSI internal cable
- 50-pin Ultra SCSI internal cable
- 50-pin internal-to-external Ultra SCSI cable with external bracket
- Complete user documentation
- Five-year warranty card

Technical Specifications

Computer Bus:	32-bit PCI local bus
Interface Protocol:	Bus master DMA
Host Bus Burst Data Rate:	133 MByte/sec
Maximum Data Transfer Rate:	80 MByte/sec
Peripheral Bus:	8-bit & 16-bit Ultra SCSI, 16-bit Ultra2 SCSI
SCSI Synchronous Maximum Burst Rates:	Ultra2 SCSI-up to 80 MByte/sec in 16-bit mode Ultra SCSI-up to 40 MByte/sec in 16-bit mode and 20 MByte/sec in 8-bit mode
Device Protocol:	SCSI-1, SCSI-2, SCSI-3, Ultra SCSI, Ultra2 SCSI
Advanced SCSI Features:	- Multithreaded I/O (up to 255 tasks simultaneously) - Scatter/gather - Disconnect/reconnect - Tagged command queuing
External Connector:	- 68-pin High-Density Ultra2 SCSI
Internal Connectors:	- 68-pin High-Density Ultra2 - 68-pin High-Density Wide Ultra SCSI - 50-pin High-Density Ultra SCSI
Device Support:	Up to 15 SCSI peripherals (internal or external)



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