

# Adaptec ASC-29320LPE Datasheet



Adaptec ASC-29320LPE 2248700-R PCIe x1 Single-Channel Ultra320 SCSI Host Adapter

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The Adaptec 29320LPE, PCIe x1, single-channel Ultra320 SCSI HBA is a low profile SCSI card ideal for attaching tape drives, tape libraries, magneto-optical drives, DVD libraries, JBODs, RAID Arrays and other SCSI peripherals to servers and workstations. With one external and one internal SCSI connector, support for up to 15 SCSI devices, the 29320LPE enables incredible flexibility in configuring your system.

## Specifications

## Supported Operating Systems

- Microsoft Windows
- SuSE Linux
- Red Hat Linux
- Novell NetWare
- SCO OpenServer
- SCO UnixWare
- Sun Solaris

## Key Differentiators

- Industry's first PCIe x1 Ultra320 SCSI controller that is ideal as a SCSI disk drive and SCSI tape drive connection

solution with unparalleled PCIe connectivity and industry standard compatibility.

#### Customer Needs

- Connect SCSI devices to a workstation or server with PCIe slots

#### System Environment

- x86, AMD64 and EM64T system architectures with PCIe host connections

#### Form Factor

- MD2 low-profile

#### Number of devices

- Up to 15 SCSI devices

#### Bus System Interface Type

- PCIe x1

#### External Connectors

- One 68-pin VHDCI

#### Internal Connectors

- One 68-pin Ultra320

#### Data Transfer Rate

- Up to 320 MByte/sec.

## Package Contents

- Adaptec 29320LPE Controller with standard bracket
- Replacement low-profile bracket
- One 6-position Ultra320 SCSI LVD cable with terminator (kits only) (2138800-R)
- Quick Install Guide
- CD with drivers and documentation

## Management Utilities

- Adaptec BIOS Configuration Utility

## Physical Dimensions

- 2.54" H x 6.60" L (65mm x 168mm)

## Operating Temperature (incl. battery)

- 0°C to 55°C

## Operating Voltage

- 12V +/-9%, 3.3V +/-9%

## Regulatory Certification

- FCC, UL, C-tick, CE, VCC

Mean Time Before Failure (MTBF)

- 1,575,743 hours at 40 degrees C

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