

# Adaptec<sup>®</sup> SCSI Card 29320LPE



## PCI Express x1, Single-Channel, Ultra320 SCSI Host Adapter

The first-to-market Adaptec 29320LPE, PCI Express (PCIe), single-channel Ultra320 SCSI HBA is a host bus adapter (HBA) card, ideal for attaching tape drives, tape libraries, disk drives, JBODs, RAID arrays and other SCSI peripherals to workstations and servers supporting the PCIe bus architecture.

With support for PCIe x1, x4, x8 and x16 slots, the Adaptec 29320LPE provides incredible compatibility with PCIe workstations and servers. And through its seamless backward compatibility with all previous SCSI generations, the Adaptec 29320LPE protects your investment in existing hardware, while delivering support for the industry's latest host connection.

The Adaptec 29320LPE is a low-profile card ideal for rackmount servers. It also has a 68-pin internal connector and a 68-pin VHDCI external connector enabling complete flexibility in configuration options.

### Adaptec Speedflex™

Exclusive Adaptec SpeedFlex (AIC-3860) technology ensures that all devices connected to an Ultra320 SCSI card will deliver top performance, regardless of SCSI generation. Your legacy technology investments are protected, and the risks of migrating to Ultra320 are eliminated. With Ultra320, your devices can keep pace with the ever-changing requirements of today's and tomorrow's technologies.

### Wide Range of OS and System Support

The Adaptec 29320LPE supports 32-bit and 64-bit versions of Microsoft Windows, Linux, NetWare, Solaris and SCO, as well as the x86, AMD64 and EM64T system architectures with PCIe host connections. With this broad base of OS and system support, the Adaptec 29320LPE is the ideal choice for attaching the most powerful SCSI peripherals to your workstation or server.

### Compatibility, Reliability and Support

Adaptec has been delivering storage and I/O solutions to the industry for more than 24 years. In fact, Adaptec is the undisputed HBA leader, and no other vendor's technology is more proven. The Adaptec 29320LPE has been extensively tested with third-party components to deliver the utmost in compatibility. The cards are backed by a three-year warranty and legendary Adaptec technical support.

- **Product Highlights**
- PCI Express x1 host connectivity
- Ultra320 SCSI single channel
- Driver support for Windows<sup>®</sup>, Linux, Novell NetWare<sup>®</sup>, Solaris and SCO
- Top performance with Adaptec Speedflex™
- Supports up to 15 SCSI bus IDs
- Up to 12-metre cable lengths
- RoHS compliant
- Compatibility with SCSI tape drives and SCSI hard drives
- Low profile
- Automatic termination

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Adaptec SCSI Card 29320LPE  
Ordering Part Number: 2248700-R (Sgl)/2250300-R (Kit)

Adaptec SCSI Card 29320LPE	
<b>Why Buy?</b>	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.
<b>Customer Needs</b>	Connect SCSI devices to a workstation or server with PCIe slots
<b>System Environment</b>	x86, AMD64 and EM64T system architectures with PCIe host connections
<b>Features</b>	<ul style="list-style-type: none"> <li>• PCIe x1 host connectivity</li> <li>• Ultra320 SCSI single channel</li> <li>• Adaptec Speedflex™</li> <li>• Supports up to 15 SCSI bus IDs</li> <li>• Up to 12-metre cable lengths</li> <li>• RoHS compliant</li> </ul>
<b>Management Utilities</b>	Adaptec BIOS Configuration Utility
<b>Operating System</b>	<ul style="list-style-type: none"> <li>• Windows 2000, XP, Server 2003, Vista</li> <li>• Linux</li> <li>• Novell NetWare 6.5</li> <li>• SCO OpenServer, UnixWare</li> <li>• Sun Solaris 10 x86</li> </ul>
<b>Physical Dimensions</b>	168mm H x 65mm L (6.60" x 2.54")
<b>Operating Temperature (incl. battery)</b>	0°C to 55°C
<b>Operating Voltage</b>	12V+/-9%, 3.3V+/-9%
<b>Regulatory Certification</b>	FCC, C-tick, CE, VCCI
<b>Warranty</b>	Three years
<b>Package Contents</b>	<ul style="list-style-type: none"> <li>• Adaptec 29320LPE Controller with standard bracket</li> <li>• Replacement low-profile bracket</li> <li>• 6-position SCSI cable (kits only)</li> <li>• Quick Install Guide</li> <li>• CD with drivers and documentation</li> </ul>



## adaptec

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