

Adaptec 81605ZQ (2281600-R)

RAID 81605ZQ - 4x SFF-8643, 1024MB, PCIe 3.0 x8



Price details:

Price excl. VAT: 875.48 €

Eco fees: 0.00 €

VAT 21 %: 183.85 €

Product details:

Product code: 2281600-R

EAN: 0760884157206

Manufacturer: Adaptec

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1,059.33 €

* VAT included

Adaptec maxCache Plus- A Caching and Tiering Solution

Adaptec by PMC's maxCache Plus solution introduces a revolutionary new tiering software for direct-attach-storage data management. Our new tiering solution is a secured (non-opened source) filter driver. The architecture establishes a presence in the management layer of the host server and can manage any underlying hardware. The solution supports any/all block-level storage devices and structures it as storage space, with enhanced granularity of fast/faster/fastest media recognition.

The Series 8 "Q" products are equipped with maxCache Plus, supporting both caching and tiering functionality. This technology allows IT managers, system integrators, and ISV's to garner the fastest performance and best overall value from their storage assets. It provides flexibility to configure any & all storage devices in server environments and allows for the fastest media to be used as storage instead of just cache, maximizing the use of the newest 12Gb/s drives.

Series 8Q adapters include our third-generation AFM-700 flash-based cache protection module to enable instant battery-free cache protection. Unique for the Adaptec 81605ZQ, flash backup is embedded on the board, eliminating the need for a daughterboard.

All of the "Q" adapters utilize our Zero-Maintenance Cache Protection (ZMCP), which provides full protection to cached data with no monitoring, maintenance, disposal, or replacement costs. ZMCP features SLC based NAND flash memory with super capacitor technology. During a system power loss, the flash memory-based cache protection can preserve data for years.

Advanced Data Protection

Adaptec RAID Code (ARC) delivers maximum reliability with RAID levels 0, 1, 1E, 5, 6, 10, 50 and 60. ARC also offers RAID Level Migration (the ability to easily migrate RAID levels), Online Capacity Expansion (expand capacity without powering down the server), and Copyback Hot Spare (when a failed drive has been replaced, data is automatically copied from the hot spare back to the restored drive).

Adaptec maxView Storage Manager

Adaptec maxView Storage Manager provides the powerful features of Adaptec Storage Manager in an HTML5 web interface that can be viewed in standard desktop or mobile browsers without the need for separate software installation.

Main specifications:

Ports & interfaces

Supported hard disk drive interfaces:	SAS, Serial ATA
Host interface:	PCI Express x8
PCI Card form factor:	Full-height (low-profile)
PCI Express slots version:	3.0
Internal mini-SAS ports:	4

Performance

RAID levels:	0,1,5,6,10,50,60,1E
SSD support:	Y
Internal memory:	1024 MB
Built-in processor:	PMC PM8063
Data transfer rate:	12 Gbit/s
S.M.A.R.T. support:	Y
Number of devices supported:	256
RAID Level Migration:	Y
Online Capacity Expansion:	Y
Hot-Plug support:	Y
Mean time between failures (MTBF):	700000 h
Certification:	CE, FCC, UL, C-tick, VCCI, KCC, CNS, RoHS
Design	
Form factor:	MD2
Power	
Voltage:	3.3, 12 V
System requirements	
Windows operating systems supported:	Y
Linux operating systems supported:	Y
Other operating systems supported:	Y
Operational conditions	
Operating temperature (T-T):	0 - 50 °C
Weight & dimensions	
Width:	64 mm
Depth:	167 mm
Other features	
PCI Express connector:	Y
Quantity:	1

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