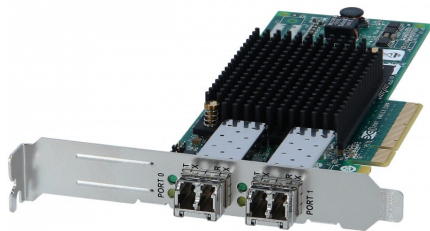


# HPE AJ763B Datasheet



HPE 82E 8GB 2-PORT PCIe x8 FIBRE CHANNEL HOST BUS ADAPTER, 697890-001

AJ763B

HPE 82E AJ763B 8Gbps Dual Port PCI Express 2.0 x8 Fibre Channel Host Bus Adapter for ProLiant Gen3 to Gen8 Servers (Brand New with 3 Years Warranty)

The introduction of the HPE PCIe 8Gb Fibre Channel Host Bus Adapters brings datacenter infrastructure components to a higher level of performance and efficiency with the ability to deliver twice the I/O performance of 4 Gb FC HBAs. An 8 Gb Fibre Channel HBA purchased today is backward compatible with 4 and 2 Gb storage networks and will protect future investments. When using storage intensive applications, such as backup/restore, database transactions, virtualization, and rich media, the increased performance of the 8 Gb infrastructure enables more rapid storage and retrieval of critical information. Finally, PCIe 8Gb FC Host Bus Adapters provide a number of features that work together to reduce power consumption, thus delivering a "green" benefit within the server.

### High Performing Fibre Channel Host Bus Adapters

The HPE PCIe 8Gb Fibre Channel Host Bus Adapters deliver twice the I/O performance of 4 Gb FC HBAs.

Moving to 8 Gb technology provides the infrastructure required for the more powerful servers and data intensive applications of the future.

When using storage intensive applications like backup/restore, database transactions, virtualization and rich media, the improved I/O performance enables faster storage and retrieval of data.

## Provides Greater Efficiency in Virtualized Environments

Ideal for the implementation of virtual servers with the power to drive multiple virtual machines.

Allows a single port to acquire multiple N Port IDs, eliminating the need for additional physical ports.

Datacenter administrators do not need to concern themselves with multiple requests from the virtualized servers potentially creating conflict.

Improves host utilization and enhances application performance.

## Latest Technology Supports Green Initiatives

HPE 8 Gb FC HBAs have unique features in support of 'green' server technology.

The HPE AJ763B Plug-in Card - Low Profile Host Bus Adapters provide 8 Gb Fibre Channel x 2 connectivity to select HPE ProLiant servers. 8.5 Gbps data 8Gb Fibre Channel (SW) transfer rates are well-suited for enterprise network and storage device connections. The AJ763B is a dual port unit with a low-profile Plug-in card PCI Express 2.0 x4 / PCI Express x8 form factor and comes with 3 Years Warranty.

## Specifications

- Brand: HPE
- MPN: AJ763B
- Option Part Number: AJ763B
  
- Spare Part Number: 697890-001
- Spare Part Number: 489191-001

## General

- Device Type: Host Bus Adapter
- Form Factor: Plug-in Card

- Interface (Bus) Type: PCI Express x8
- PCI Specification Revision: PCIe 2.0

## Networking

- Connectivity Technology: Wired
- Data Link Protocol: 8Gb Fibre Channel (Short Wave)
- Data Transfer Rate: 8.5 Gbps
- Fibre Channel: FC-SP
- Ports: 8Gb Fibre Channel x 2

## Processor / Memory

- Processor: Emulex

## Expansion & Connectivity

- Expansion Slots: 2 (total) / 0 (free) x SFP+
- Interfaces: 2 x 8Gb Fibre Channel (short wave) - LC Multi-Mode - x 2
- Compatible Slots: 1 x PCI Express 2.0 x4 / PCI Express x8

## Miscellaneous

- Included Accessories: Low-Profile Bracket, Full-Height Bracket, 2 x 8 Gb SFP
- Compliant Standards: RoHS

## Software / System Requirements

- OS Required: Linux, Microsoft Windows Server 2003, SuSE Linux Enterprise Server 11, SuSE Linux Enterprise Server 10, Red Hat Enterprise Linux 5 for Intel x86 / AMD64 / EM64T, Microsoft Windows Server 2008, Red Hat Enterprise Linux 5.1 for Intel x86 / AMD64 / EM64T, Oracle Solaris x86 10

## Environmental Parameters

- Humidity Range Operating: 5 - 95%
- Max Operating Temperature: 131 °F
- Min Operating Temperature: 32 °F

## Dimensions & Weight

- Height: 3.00 inch
- Width: 14.00 inch
- Depth: 10.00 inch
- Weight: 1.50 lbs

## Compatibility Information

- HPE ProLiant DL Series: DL160 Gen6, DL160 Gen6 Special Server, DL160 Gen8, DL160 Gen8 Entry, DL160 Gen8 Performance, DL165 Gen7, DL165 Gen7 Base, DL165 Gen7 Entry, DL165 Gen7 Performance, DL165 Gen7 Special Server, DL180 Gen6, DL180 Gen6 Special Server, DL360 Gen7, DL360 Gen7 Base, DL360 Gen7 Central Management Server, DL360 Gen7 Efficiency, DL360 Gen7 Entry, DL360 Gen7 Performance, DL360 Gen7 Special Server, DL360e Gen8, DL360e Gen8 Entry, DL360e Gen8 Performance, DL360e Gen8 Special Server, DL370 Gen6, DL370 Gen6 Base, DL370 Gen6 High Performance, DL370 Gen6 Performance, DL370 Gen6 Special Server, DL380 Gen7, DL380 Gen7 Base, DL380 Gen7 Efficiency, DL380 Gen7 Entry, DL380 Gen7 Performance, DL380 Gen7 Special Server, DL380p Gen8, DL380p Gen8 Base, DL380p Gen8 Entry, DL380p Gen8 High Performance, DL380p Gen8 Special, DL385 Gen7, DL385 Gen7 Base, DL385 Gen7 Entry, DL385 Gen7 HE, DL385 Gen7 Performance, DL385p Gen8, DL385p Gen8 Dedicated Workload, DL385p Gen8 Entry, DL385p Gen8 Maximized Consolidation, DL385p Gen8 Storage
- HPE ProLiant ML Series: ML350 Gen6, ML350 Gen6 Base, ML350 Gen6 Entry, ML350 Gen6 Performance, ML350 Gen6 Special Server, ML370 Gen6, ML370 Gen6 Base, ML370 Gen6 Entry, ML370 Gen6 Special Server
- HPE ProLiant SL Series: SL210t Gen8 1U Node
- HPE Modular Smart Array 1040 Dual Controller SFF Bundle, 2040 SAS Dual Controller LFF Storage, P2000 Gen3 10GbE iSCSI Dual Controller SFF Array System, P2000 Gen3 iSCSI Dual Controller SFF Bundle

- HPE StoreEasy 3850 Gateway Single Node

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