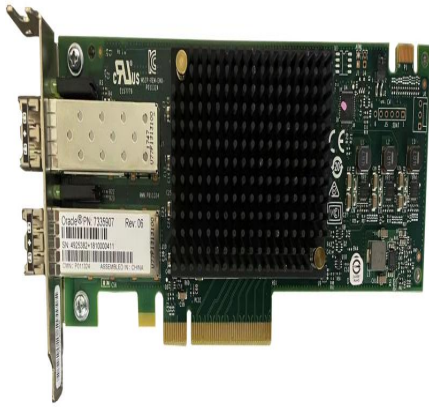# Oracle 7335907 Datasheet

Oracle Sun 7335907 7115461 Emulex Dual-Port 32 Gb Fibre Channel PCIe Low Profile HBA

7335907

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The Oracle Storage Dual-Port 32 Gb Fibre Channel PCIe Low Profile HBA, which uses Broadcom, formerly Emulex, technology (part number: 7335907), is a low-profile, PCIe card that allows connectivity to Fibre Channel (FC) storage outside of the server. The board interfaces an eight-lane PCIe bus, supporting two enhanced Small Form-Factor Pluggable Plus (SFP+) FC optical media ports. Each independent FC port operates at 32 Gb/s and features 32/16/8 autonegotiation.

HBA Features and Specifications

- Lane width: x8 PCIe 3.0 x8 lane width up to 8 GT/s per lane
- Data rate (maximum): 32 Gb/s FC per port, negotiable to 16, and 8 Gb/s
- PCIe hot-plug and hot-swap functionality: Supported
- Number of FC ports: Two
- FC transfer rate: 6400 MBps/line rate 28.05 GBAUD, full duplex
- FC topologies: Switched fabric (N-Port), arbitrated loop (NL-Port), and point-to-point (N-Port). Note: Fibre Channel arbritrated loop is not supported.
- FC SAN boot support: Booting is supported for all supported operating systems. For more information about supported operating systems, see Operating System and Technology Requirements.
- Diagnostic support: Provided by Oracle VTS software
- External connectors: Two enhanced Small-Form Factor Pluggable Plus (SFP+) multimode optics with LC-style connectors per port

- FC Compatibility
    - Fibre Channel Physical and Signaling (FC-PH, FC-PH2/3)
    - Fibre Channel Generic Services (FC-GS-6)
    - Fibre Channel Framing and Signaling (FC-FS-4)
    - Fibre Channel Link Services (FC-LS-2), including NPIV
    - Fibre Channel Physical Interface (FC-PI, FC-PI-4, FC-PI-5, PC-PI6)
    - Fibre Channel Tape and Medium Changers (FC-Tape)
    - Fibre Channel Protocol for SCSI, (FCP-4-SCSI)
    - Fibre Channel Switch Fabric (FC-SW-4)
    - FMA support
    - T-10 DIFF or T10-PI support
- LED indicators: Two LEDs per port (yellow and green) on the front panel as status indicators
- Maximum power consumption: 10.6 Watts

Supported Operating Systems/Technology Versions (Minimum)

- Oracle Solaris OS for x86 and SPARC (64-bit) platforms
    - Oracle Solaris 11.4 with SRU 16
    - To obtain the latest patches and SRUs, go to: My Oracle Support
- Oracle VM Technology: Oracle VM 3.4.6
- Linux OS
    - Oracle Linux 8.4 with Red Hat Compatible Kernel (RHCK) and Unbreakable Enterprise Kernel (UEK) Release 6 (R6)
    - Oracle Linux 7.7 with RHCK and UEK Release 5
- Microsoft Windows Server OS Standard, Enterprise, and Datacenter Editions
    - Window Server 2019
    - Windows Server 2016
- VMware Technology: VMware ESXi 6.5 U1

Kit Contents

- Oracle Storage Dual-Port 32 Gb Fibre Channel PCIe Low Profile HBA, Emulex, with a low-profile bracket installed
- Installing Components document

For more information of this Oracle Sun 7335907 7115461, please visit Oracle website:

https://docs.oracle.com/en/networking/storage/host-bus-adapters/fc-pcie-host-bus-adapters/32g-fc-emu/installation-guide/hba-features-and-specifications.html

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