

# Emulex HBA 16Gb/s Fibre Channel Single Port PCI-Express Adapter (LPE16000B-M6)

Part number: LPE16000B-M6



IOPS per port

1200000

Emulex Gen 5 Fibre Channel (16GFC) Host Bus Adapters (HBAs) by Broadcom provide up to 1.2 million IOPS on a single-port, 2x bandwidth and lightning fast response times\*, making it ideal for deployment with solid state disks (SSDs) and new multi-core processors.

The Emulex Dynamic Multi-core Architecture delivers optimum I/O performance by dynamically applying ASIC resources to either a single active port or across both active ports, as demanded by the workload. This ensures that performance is delivered when and where needed, to meet service level agreements (SLAs).

In high-density virtual environments with mixed storage, scaling to meet business needs can be complex and often results in performance degradation. Emulex ExpressLane provides QoS and application performance between servers and across the fabric by tackling congestion in storage environments. ExpressLane is easily enabled from Emulex OneCommand Manager extending into Brocade's fabric QoS.

LPe16000B-series HBAs feature the Emulex bullet-proof driver stack, backward compatibility to 4GFC and 8GFC HBAs and rock-solid reliability with a heritage that spans back to the first generation of Fibre Channel to today's Gen 5 FC HBAs.

\*compared to 8GFC HBAs



To view the complete test reports, please visit:

1. [Emulex SQL Server Test Report](#)
2. [Demartek 16Gb Fibre Channel HBA Evaluation](#)
3. [Demartek LPe16002B VMware VDI Bootstorm Evaluation](#)
4. [VMware- vSphere 16Gb Storage IO Performance Report](#)
5. [ESG Lab Validation Report- 16Gb Fibre Channel HBAs](#)

- [Gen 5 Fibre Channel HBAs LightPulse® LPe16000B/LPe16002B Data Sheet](#)

*Visit us for more info:*

<https://www.superstorage.pl/emulex-hba-16gb-fibre-channel-single-port-pci-express-adapter-lpe16000b-m6-p-2474.html>