

PCN-259800

Emulex Product Change Notification - Standardization of Vented Brackets for Emulex Branded HBAs

Issue Date: February 21, 2023

Change Description:

Standardization of vented low-profile (LP) and full-height (FH) brackets for Emulex Gen6 and Gen7 32G Fibre Channel (FC) Host Bus Adapters (HBAs) for Emulex-branded, standard HBAs

Parts Affected:

All Emulex Gen6 16GFC and 32GFC (Lancer G6-based) and Gen7 32GFC (Prism-based) 1-port and 2-port HBAs:

- LPe31000-series (Gen6 16GFC) – All Emulex-branded HBAs
- LPe32000-series (Gen6 32GFC) – All Emulex-branded HBAs
- LPe35000-series (Gen7 32GFC) – All Emulex-branded HBAs

Description and Extent of Change:

Currently the Emulex FC HBAs above use non-vented brackets. Emulex will now use vented or perforated brackets and standardize their use on these HBAs to help with sourcing and improve continuity of supply. Emulex Gen7 64GFC HBAs already use vented brackets. See photos in Appendix A

Reasons for Change:

Broadcom, Emulex Connectivity Division (ECD) is standardizing on the use of certain components for FC HBAs to safeguard availability.

Effect of Change on Fit, Form, Function, Quality, or Reliability:

- HBA functional and performance specifications remain the same
- Appropriate mechanical and manufacturability characterizations and qualifications have been performed on representative products to ensure consistent thermal performance and reliability

Recommended Action by the Customer:

- Acknowledge this Product Change Notification and ensure your respective Receiving Inspection departments are prepared to receive products with vented brackets

Effective Date of Change:

Product shipments using this change will begin starting in May 2023 on a prioritized order. Timing of shipment of the board products will vary by part number depending on customer demand and inventory levels.

Qualification Data:

- Broadcom, ECD has prepared a thermal report, which is available upon request.
- Electronic First Article Inspection (eFAI) Reports for initial production builds will be available on request.

Software / Firmware Update:

Not applicable, no update required.

Appendix A –Bracket Photos

Description	New Vented (Perforated) Bracket Photo	Current Non-vented Bracket Photo
Low profile (1U), 1-port		
Full (Standard) Height, 1-port		
Low profile (1U), 2-port		
Full (Standard) Height, 2-port		