

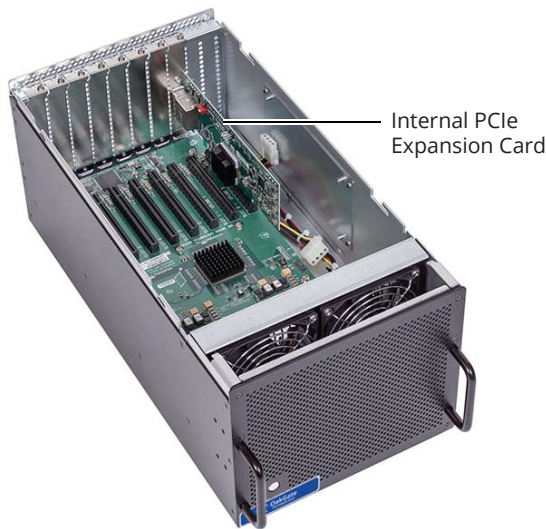
E-Series 7-Slot PCIe Gen3 Expansion Enclosures

OGT-EP700, OGT-EP701

The E-Series 7-Slot PCIe Gen3 Expansion Enclosure provides a simple, compact, high-density solution for testing up to seven PCIe edge cards in its full-length, full-height slots. The compact size is perfect for space-restrictive environments that require high-performance I/O. This 4U enclosure can be configured with the OakGate expandable desktop and rackmount appliances. Supplied with the appliance, the OakGate Storage Validation Framework (SVF) software, can exercise each PCIe edge card individually, as well as provide power cycling and power measurement capabilities with optional OakGate PCIe power interposer cards.



Front View of the 7-Slot PCIe Expansion Enclosure



Top/Front View of the 7-Slot PCIe Gen3 Expansion Enclosure

FEATURES

- Seven full-length, full-height PCIe Gen3 x8 slots for testing PCIe edge cards
- In addition to the seven slots, there is an extra slot that is dedicated for the internal PCIe expansion card for an interface (upstream) to the OakGate appliance
- All slots have x16 PCIe connectors, therefore any combination of x1, x4, x8 and x16 PCIe edge cards can be used
- Hardware (outside of chassis) includes:
 - Low-profile PCIe host expansion card that allows for easy installation in OakGate D-series and R-series appliances
 - Cable to connect to a supported OakGate appliance
 - Two cable retention brackets
 - Power cord
- Small footprint design for space-conscious environments
- Two cooling fans (3.62" W × 3.62 H × 0.98" D)
- Option for individual device power-cycling and power-measurement capabilities using the OakGate PCIe power interposer cards

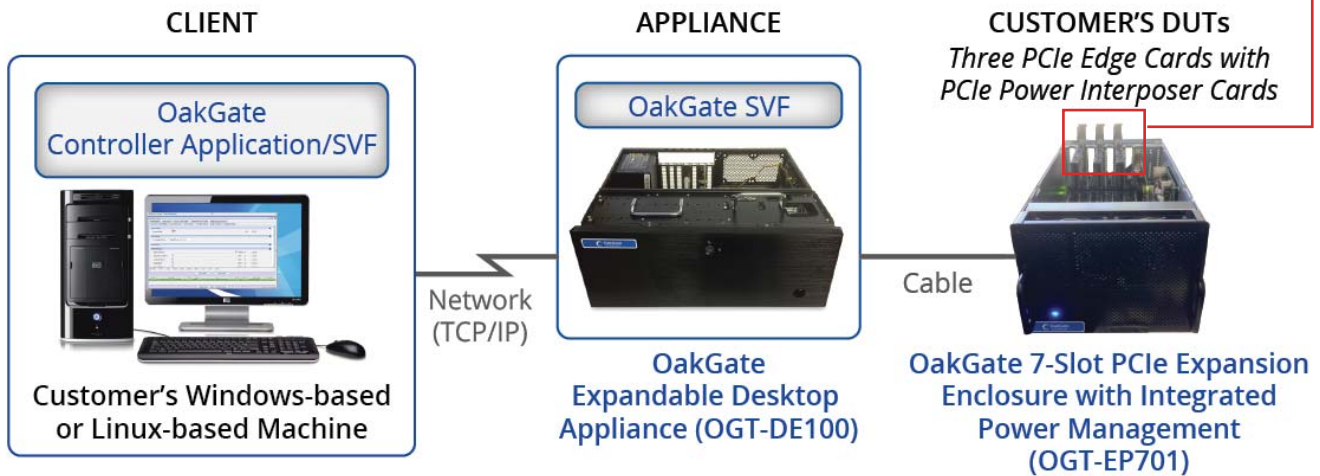
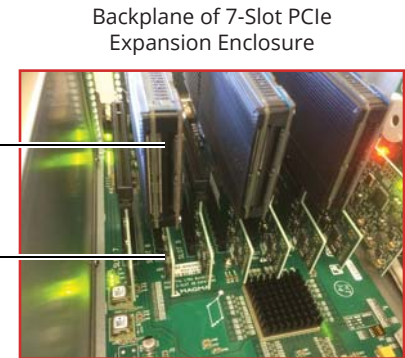
SPECIFICATIONS

ENCLOSURE	
Chassis Dimensions:	8.5" W × 7" H (4U) × 16.5" D
Chassis Material:	steel enclosure with aluminum lid
POWER	
Internal Power Supply:	520W

CONFIGURATION EXAMPLE

The photo on the right shows three PCIe edge cards attached to three PCIe power interposer cards that are installed in backplane slots 2, 4, and 6 of a 7-slot PCIe Gen3 expansion enclosure.

In the following configuration example, the client, with the OakGate controller application and SVF, directs the appliance. The appliance controls and measures power of the PCIe edge cards through a PCIe host expansion card in the appliance and the PCIe power interposer cards in the 7-slot PCIe Gen3 expansion enclosure.



ORDERING INFORMATION

PRODUCT DESCRIPTION	MODEL NUMBER
E-SERIES 7-SLOT PCIe GEN3 EXPANSION ENCLOSURE	
7-Slot PCIe Gen3 Expansion Enclosure	OGT-EP700
7-Slot PCIe Gen3 Expansion Enclosure with Integrated Power Management	OGT-EP701
COMPATIBLE D-SERIES and R-SERIES APPLIANCES	
Expandable Desktop Appliance	OGT-DE100
1U Rackmount Appliance	OGT-R100
2U Rackmount Appliance	OGT-R200
3U Rackmount Appliance	OGT-R300
A-SERIES POWER INTERPOSER CARDS	
PCIe Power Interposer Card for OakGate Appliances and 7-Slot PCIe Enclosure	OGT-AP100

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