

D-Series Desktop Appliances



OGT-DC100, OGT-DE100

The D-Series Desktop Appliances are versatile test systems designed to support all popular storage interfaces and protocols, such as PCIe, SAS, SATA, and FC. These appliances are perfect for environments inside or outside the lab, where the appliances rest on a bench or a desk, rather than being contained in a rack.

These desktop appliances can be connected to a variety of external enclosures that provide high-density scaling and power management. For an easy way to test mixed-protocol devices,

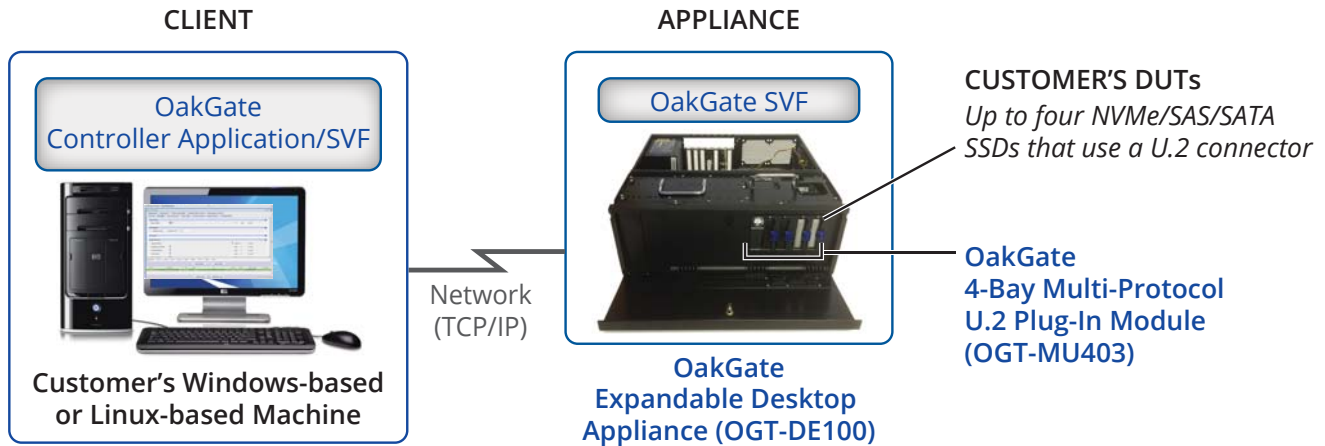
the expandable desktop appliance can be equipped with an optional OakGate 4-bay U.2 plug-in module, which allows testing of up to four SSDs that use a U.2 (SFF-8639) connector.

All desktop appliances include and are driven by OakGate's Storage Validation Framework (SVF) engine, the industry's most advanced storage-testing software. The robust SVF software, now in its third generation, offers a comprehensive set of testing features and capabilities. For more SVF details, see the *OakGate SVF Product Brochure*.

Compact Desktop Appliance (OGT-DC100)	Expandable Desktop Appliance (OGT-DE100)
	
<p>Provides a compact solution for testing environments where space is limited or high-port densities are not a priority. Its small footprint and quiet operation makes the compact desktop appliance ideal for individual developers working in a small office, cubicle, or lab environment. This appliance delivers the same full set of advanced functionality as all other OakGate appliances.</p>	<p>Provides maximum expansion possibilities in a desktop form factor. It includes four backplane PCIe Gen3 slots (one x16 and three x8 that use an x16 connector) that can connect to a variety of external enclosures.</p> <p>The expandable desktop appliance can be equipped with an optional 4-bay U.2 plug-in module, which provides testing of multi-protocol SSDs with integrated power management.</p>
<p>Specifications</p> <ul style="list-style-type: none"> • Dimensions of chassis: 8.66" W × 5.08" H × 11.81" D • Intel single-socket, quad-core processor, 3.50 GHz • 16GB DDR4 system memory • One PCIe Gen3 x16 expansion slot • Driven by the SVF engine • One-year hardware/software support 	<p>Specifications</p> <ul style="list-style-type: none"> • Dimensions of chassis: 17.32" W × 6.89" H × 17.13" D • Intel Xeon single-socket, hex-core processor, 3.50 GHz • 32GB DDR4 ECC system memory • Four PCIe Gen3 expansion slots: <ul style="list-style-type: none"> ◦ One x16 slot ◦ Three x8 slots that use a x16 connector • Provides support for a 4-bay U.2 plug-in module • Driven by the SVF engine • One-year hardware/software support

APPLIANCE CONFIGURATION EXAMPLE

The following figure shows a configuration for testing up to four NVMe/SAS/SATA SSDs that use a U.2 (SFF-8639) connector. It shows the client, with the OakGate controller application and SVF, directing the OakGate expandable desktop appliance, which is equipped with a 4-bay multi-protocol U.2 plug-in module.



ORDERING INFORMATION

PRODUCT DESCRIPTION	MODEL NUMBER
D-SERIES APPLIANCES	
Compact Desktop Appliance	OGT-DC100
Expandable Desktop Appliance	OGT-DE100
COMPATIBLE M-SERIES MODULES	
4-Bay NVMe U.2 Plug-In Modules (single or dual-port NVMe)	OGT-MU401, OGT-MU402
4-Bay Multi-protocol U.2 Plug-In Module	OGT-MU403
COMPATIBLE A-SERIES ADD-ONS	
3/6G SAS/SATA (or 12G SAS/6G SATA) Host Bus Adapter with Eight Ports	OGT-AH100, OGT-AH101
NVME x16 Host Card	OGT-AH106
PCIe Power Interposer Cards	OGT-AP100, OGT-AP101
COMPATIBLE E-SERIES ENCLOSURES for 2.5" SSDs	
12-Bay NVMe U.2 Enclosures (single or dual-port NVMe)	OGT-EU12P-01, OGT-EU12P-02
12-Bay SAS/SATA U.2 Enclosure	OGT-EU12S-12
12-Bay Multi-Protocol U.2 Enclosures (single or dual-port NVMe)	OGT-EU12M-01, OGT-EU12M-02
24-Bay Single-Port NVMe U.2 Enclosure	OGT-EP241
COMPATIBLE E-SERIES ENCLOSURES for PCIe EDGE CARDS	
7-Slot PCIe Gen3 Expansion Enclosures (without or with Integrated Power Management)	OGT-EP700, OGT-EP701
16-Slot PCIe Gen3 Expansion Enclosures (without or with Integrated Power Management)	OGT-EP160, OGT-EP161
32-Slot PCIe Gen3 Expansion Enclosures (without or with Integrated Power Management)	OGT-EP320, OGT-EP321

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