

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,

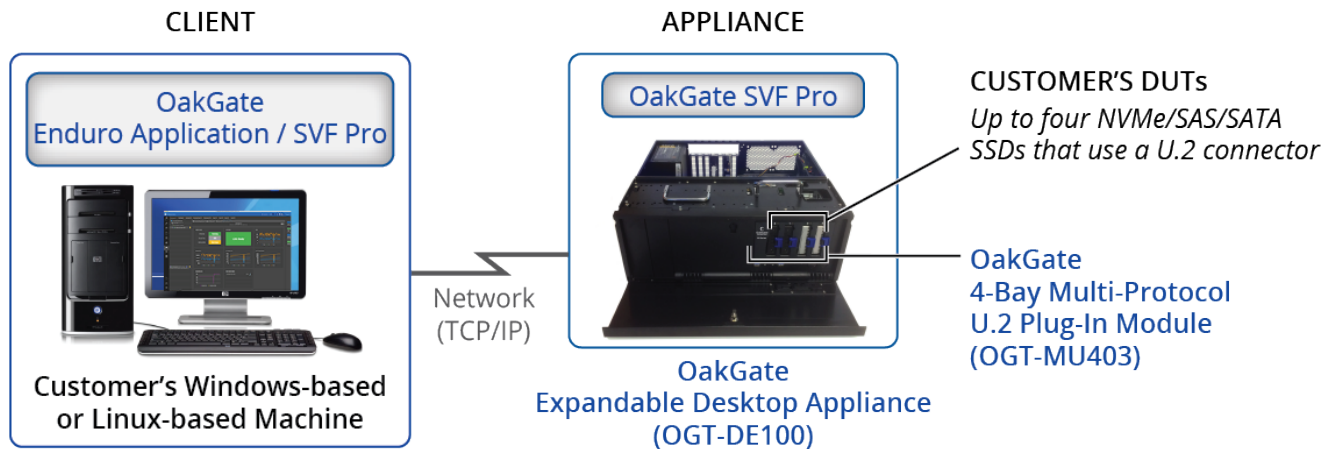
the expandable desktop appliance can be equipped with an optional OakGate 4-bay U.2 plug-in module, which allows testing of up to four SSDs that use a U.2 (SFF-8639) connector.

All desktop appliances are powered by the OakGate Enduro controller application and Storage Validation Framework Pro (SVF Pro) engine, the industry's most advanced storage testing software. This robust software, now in its fourth generation, offers a comprehensive set of testing features and capabilities.

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® Xeon® eight-core processor, 2.10 GHz • 16GB DDR4 ECC system memory • One PCIe Gen3 x16 expansion slot • Powered by Enduro / SVF Pro • 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, 3.60 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 • Powered by Enduro / SVF Pro • One-year hardware/software support

APPLIANCE CONFIGURATION EXAMPLE

The following figure shows a configuration for testing up to four multi-protocol (NVMe/SAS/SATA) SSDs that use a U.2 (SFF-8639) connector. It shows the client, with the OakGate Enduro controller application and SVF Pro, directing the OakGate expandable desktop appliance (OGT-DE100). This appliance is equipped with a 4-bay multi-protocol U.2 plug-in module (OGT-MU403).



ORDERING INFORMATION

PRODUCT DESCRIPTION	MODEL NUMBER
D-SERIES APPLIANCES	
Compact Desktop Appliance	OGT-DC100
Expandable Desktop Appliance	OGT-DE100
COMPATIBLE M-SERIES MODULES (for OGT-DE100 Only)	
4-Bay Single-Port NVMe U.2 Plug-In Module	OGT-MU401
4-Bay Dual-Port NVMe U.2 Plug-In Module	OGT-MU402
4-Bay Multi-protocol U.2 Plug-In Module	OGT-MU403
COMPATIBLE A-SERIES ADD-ONS	
3/6G SAS/SATA Host Bus Adapter with Eight Ports	OGT-AH100
12G SAS/6G SATA Host Bus Adapter with Eight Ports	OGT-AH101
NVME x16 Host Card (for OGT-DE100 only)	OGT-AH106
PCIe Power Interposer Card for OakGate Appliances and 7-Slot PCIe Enclosure	OGT-AP100
COMPATIBLE E-SERIES ENCLOSURES (for OGT-DE100 Only)	
12-Bay Single-Port NVMe U.2 Enclosure	OGT-EU12P-01
12-Bay SAS/SATA U.2 Enclosure	OGT-EU12S-12
12-Bay Multi-Protocol, Single-Port NVMe U.2 Enclosure	OGT-EU12M-01
COMPATIBLE E-SERIES ENCLOSURES for PCIe EDGE CARDS	
7-Slot PCIe Gen3 Expansion Enclosure without (or with) Integrated Power Management)	OGT-EP700 (or OGT-EP701)

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