

Rugged Virtual Host Appliance

Designed to ensure optimal performance while eliminating bottlenecks and focusing on what makes your enterprise successful—unprecedented performance, scalability, and fault tolerance.



Rugged Features/Benefits

OPTIA® understands that the performance of your enterprise can mean the difference between success and failure. With that in mind, we have developed a line of small, light-weight appliances that are uniquely able to ensure optimal performance by eliminating bottlenecks and focusing on what makes your enterprise successful.

These appliances provide improved processing capability in a small footprint. The addition of the Virtual Host Appliance provides overall improved architecture performance, with enhanced redundancy, reduced risk exposure with limited failure points, simplified operations and maintenance, and increased processing capability.

- Extremely low power consumption when compared with other enterprise server devices / Decreased power requirement "lessens the load" thereby making the OPTIA® Rugged Virtual Host Appliance more easily sustainable
- Unprecedented network performance in this form factor / Provides the fastest possible network performance for your enterprise while supporting multiple redundant paths to your data
- Designed to meet MIL-STD 810G / Designed for tactical environments. It provides reliability and peace of mind in all environmental conditions
- Technology Readiness Level 9 product / Low-risk, battlefield-proven solution

1U Appliance

2U Appliance

3U Appliance



Specifications

Specification	1U Dual Socket Virtual Host Appliance	2U Dual Socket Virtual Host Appliance	3U Dual Socket Virtual Host Appliance	2U Quad Socket Virtual Host Appliance	3U Quad Socket Virtual Host Appliance
Processor	(2) Intel E5-2600 series v3/v4, Xeon processors (up to 22 cores for each CPU)			(4) Intel E7-4800 v2/v3 or E7-8800 v2/v3, Xeon processors (up to 18 cores for each CPU)	
Memory	Up to 2TB ECC DDR4 (2400/2133/1866/1600MHz)	Up to 3TB ECC DDR4 (2400/2133/1866/1600MHz)		Up to 2TB ECC DDR4 memory (1866/1600 MHz)	
Storage	Removable SATAIII Slim SSD				
Graphics	On-board graphics controller				
		Additional graphics options available through the use of PCI-E expansion slots	Optional: NVIDIA GRID K1/K2 GPU Virtualization Engine	Additional graphics options available through the use of PCI-E expansion slots	Optional: NVIDIA GRID K1/K2 GPU Virtualization Engine
Optical Drive Options	Slim DVD±RW/CD±RW Drive or Slim Blu-ray Burner/DVD±RW				
Monitor	External				
I/O	<ul style="list-style-type: none"> (2) RJ45 10Gbps Ethernet ports (1) RJ45 Dedicated IPMI LAN port (6) USB ports (4 x 2.0 rear/2 x 3.0 front) (1) VGA 	<ul style="list-style-type: none"> (4) RJ45 10Gbps Ethernet ports (1) RJ45 Dedicated IPMI LAN port (6) USB ports (2 x 3.0 front/2 x 2.0 and 2 x 3.0 rear) (1) VGA (1) COM Port 		<ul style="list-style-type: none"> (2) RJ45 10Gbps Ethernet ports (1) RJ45 Dedicated IPMI LAN port (3) USB 2.0 ports (rear) (2) USB 2.0 ports (front) (1) VGA (1) COM Port 	
System Security (optional)	Trusted Platform Module				
Expansion	Riser card support: (1) PCI-E 3.0 x32 (two x16 slots on riser)	<ul style="list-style-type: none"> (2) PCI-E 3.0 x16 (3) PCI-E 3.0 x8 (1) PCI-E 2.0 x4 (in x8 slot) 		<ul style="list-style-type: none"> (2) PCI-E 3.0 x16 (2) PCI-E 3.0 x8 	
Support	3 years parts and labor				
Weight and Dimensions	<ul style="list-style-type: none"> 16 Lbs. 19" (L) x 17" (W) x 1.75" (H) 	<ul style="list-style-type: none"> 16 Lbs. 19" (W) x 16" (L) x 3.47" (H) 	<ul style="list-style-type: none"> 23 Lbs. (approx.) 19" (W) x 16.4" (L) x 5.22" (H) 	<ul style="list-style-type: none"> Approx. 28 lbs. 16.875" (W) x 20.75" (L) x 3.46" (H) 	<ul style="list-style-type: none"> Approx. 32 lbs. 19" (W) x 20.66" (L) x 5.22" (H)
	Power Supply	560W High Efficiency, 50/60Hz, 100-240VAC		700W High Efficiency, 47-63Hz, 100-240VAC	
	Optional: Redundant Power Supply		Optional: Redundant Power Supply		Optional: Redundant Power Supply
	Chassis Ground Lug				



rugged | powerful | custom

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