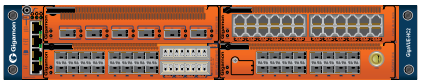
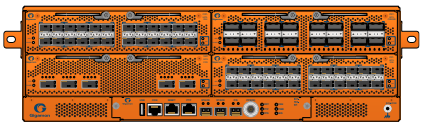
DATA SHEET

GigaVUE HC Series

GigaVUE-HC1



GigaVUE-HC2



GigaVUE-HC3

Key Benefits

Network Operations

- Deliver up to 800Gbps of processing power for optional GigaSMART® technologies, per appliance
- Scales up to 100GB network speeds and 32-node clusters with modular design

Security Operations

- Consolidate and simplify security infrastructure
- Enhance network security with GigaSECURE traffic intelligence applications
- Strengthen security while ensuring network availability with inline bypass solution
- Decrypt SSL traffic and send to both inline and out-of-band tools for further analysis

Traffic Intelligence that Scales for Large Enterprises, Service Providers and Remote and Branch Offices

Enterprises are seeing higher volumes of data traveling at faster speeds through their network, leading to more complexity, greater costs and ultimately more vulnerability to security threats.

The GigaVUE HC Series nodes enable comprehensive traffic and security intelligence at scale to enhance your security and monitoring solutions. Users also gain network traffic visibility into cloud and remote sites, with L2GRE and VXLAN tunnel de-encapsulation included on all HC Series platforms.

Offering up to 25Tbps of traffic intelligence across 32 clustered nodes, the HC Series enables greater network traffic visibility into data in motion, minimizes traffic overloads and provides more effective options for deploying both inline and out-of-band security and monitoring tools.

The HC Series family consists of the following:

GigaVUE-HC1: A 1RU form factor that meets the needs of remote and branch offices or small enterprises .

GigaVUE-HC2: A 2RU form factor that enables traffic intelligence at scale to security and monitoring solutions across medium size enterprises.

GigaVUE-HC3: A 3RU form factor that offers traffic intelligence at scale to the most demanding large enterpises and service providers.

Use Cases

Application and Service Monitoring

- Eliminate contention for network data
- Centralize Netflow/IPFIX/CEF Generation
- Filter streaming media and custom Layer 7 applications

Leverage Legacy Investments

- Take advantage of legacy tools with mismatched throughput connectivity
- Get network visibility during network upgrades

Security Posture Optimization

- Active security remediation with inline bypass
- Identify malware activity through metadata
- Expose potential hidden threats by decrypting SSL/TLS traffic

Key Features

Flow Mapping®

- Provide high-speed, line-rate performance with purpose-build hardware
- Optimize tool performance by sending each tool only the traffic of interest
- Distribute traffic across multiple tools with GigaStream technology
- Replicate traffic to multiple tool ports, enabling a range of tools to access the same traffic
- Share network ports among multiple user groups, each with their own maps and tools

Modular Chassis

- Customize port capacity, speed mix and GigaSMART processing power to the needs of your network
- Reduce cost and reserve space for future expandability

Field-replaceable control card

- Upgrade features and capabilities without replacing the chassis or even removing it from the rack.

Clustering

- Extend Gigamon Platform to 32 nodes, thousands of ports, and over 200Tb of traffic
- End-to-end Flow Mapping® across clusters to scale network visibility across hundreds of nodes with Fabric Maps
- Utilize optional GigaSMART applications and services from anywhere in the cluster

Traffic Intelligence with GigaSMART

- Leverage up to 800Gbps of traffic intelligence processing per appliance
- Enhance visibility into encrypted sessions
- Optimize traffic sent to tools
- Eliminate unnecessary traffic analysis of irrelevant data
- Hide confidential data to help meet compliance requirements
- Generate sampled or unsampled NetFlow and other network metadata from any monitored traffic flow after packet duplicates have been removed
- Enable mobile service providers to monitor subscriber data in GTP tunnels

Application Filtering Intelligence with GigaSMART

- Automatically identify and classify over 3,200 business and consumer applications traversing the network
- Extract and treat each application, or family of applications, uniquely based on threat potential and each tool's needs
- Bring application-awareness to your SOC and NOC helping teams make better decisions faster

Inline Bypass Protection

- Safely deploy inline tools by monitoring their health and bypassing them in case of failure
- Scale inline deployments by distributing traffic across multiple tools and/or bypassing specific traffic
- Solve the security blind spot in asymmetric routing by implementing resilient network architectures
- Send specific traffic to tools optimized for that traffic
- Migrate out-of-band tools to inline mode
- Replicate traffic to out-of-band tools
- Protect network uptime with physical bypass protection for 100Gb SR4, 40Gb SR4, 10Gb and SR 10/100/1000Mb

Inline and Out of Band SSL/TLS Decryption

- Improve efficiency of security tools by offloading processor-intensive SSL decryption
- Architecture allows for decryption/re-encryption of traffic once for inspection by multiple tools
- Supports Thales HSM for the storage and management of SSL keys for Out of Band SSL only

Management and Orchestration through GigaVUE-FM

- Single pane of glass view of HC nodes
- Reduce time to identify and resolve issues with customizable dashboards
- Accelerate deployment and troubleshooting with configuration wizards
- Decrease maintenance windows for scheduled upgrades and backups

Tool Capacity Planning with GigaVUE-FM Tool View

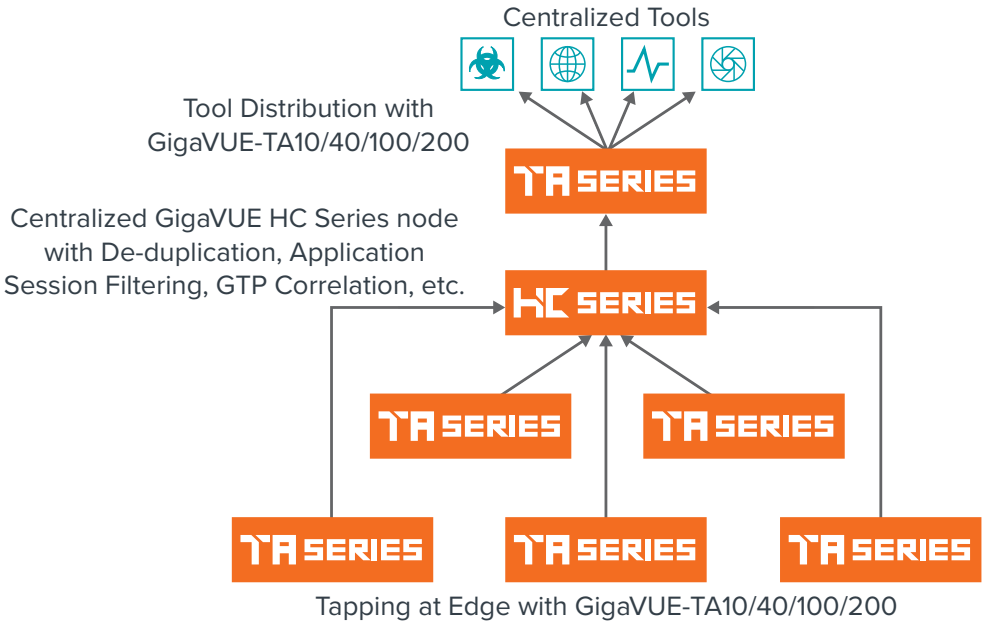
- Ensure the tool is optimally utilized
- Enable users to select the best tool to route traffic based on resource availability
- Track the tool's storage capacity and data wrap-around time

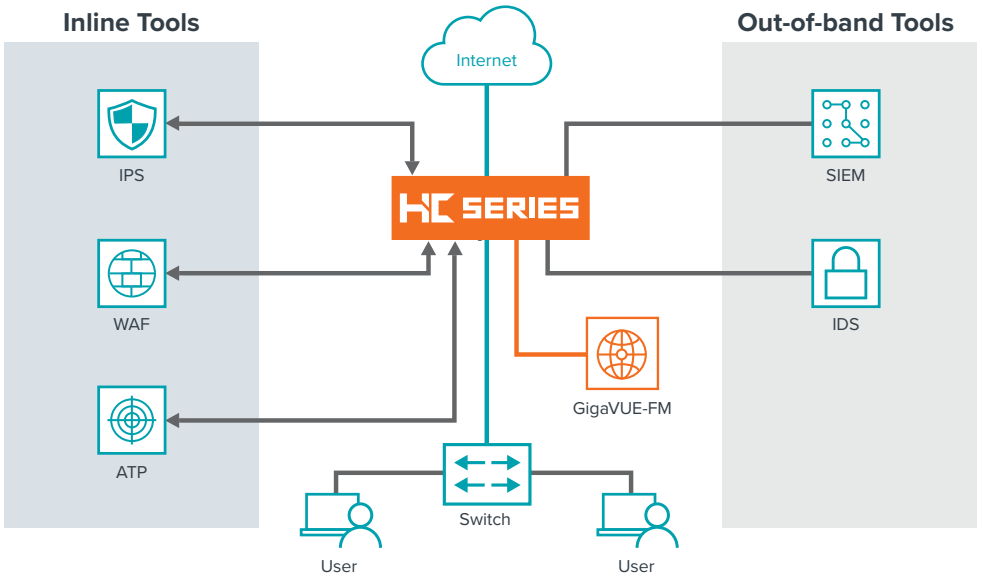
REST API Support

- Programmatic access to the platform via REST APIs exposed from the Fabric Manager, GigaVUE-FM
- Allow implementation of Software-Defined Visibility paradigm by system administrators.
- Integrate with tools, controllers and other IT systems to enable rapid programmatic response to events

Deployment Options

Centralized Deployment of the GigaVUE-HC Series node for Pervasive Visibility

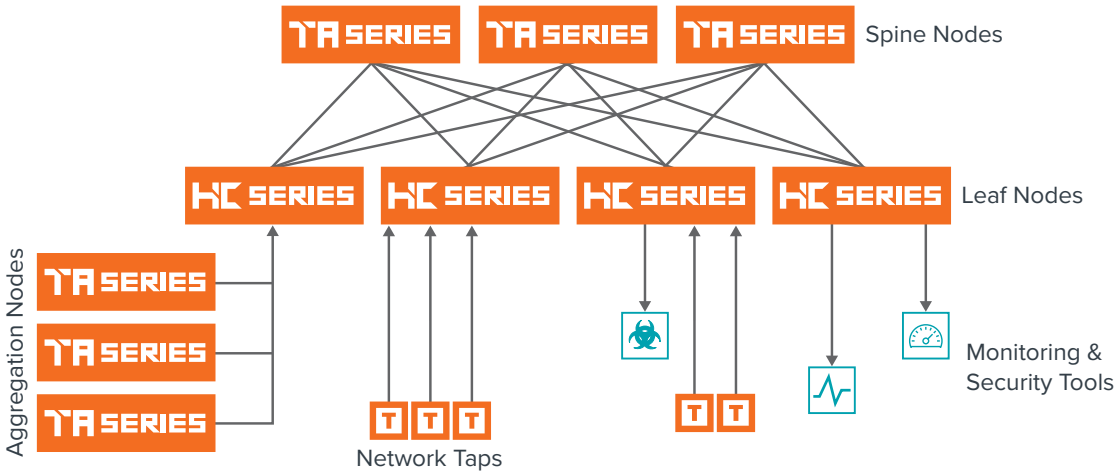




The HC Series node installed inline can support both inline and out-of-band tools as shown. The HC Series node can distribute the right traffic to the right tools therefore maximizes tool utilization. Inline tools can be upgraded and/or replaced without network downtime.

Any HC Series node can be managed by a single pane of glass using GigaVUE-FM. The HC Series node in this deployment ensures network availability while strengthening security.

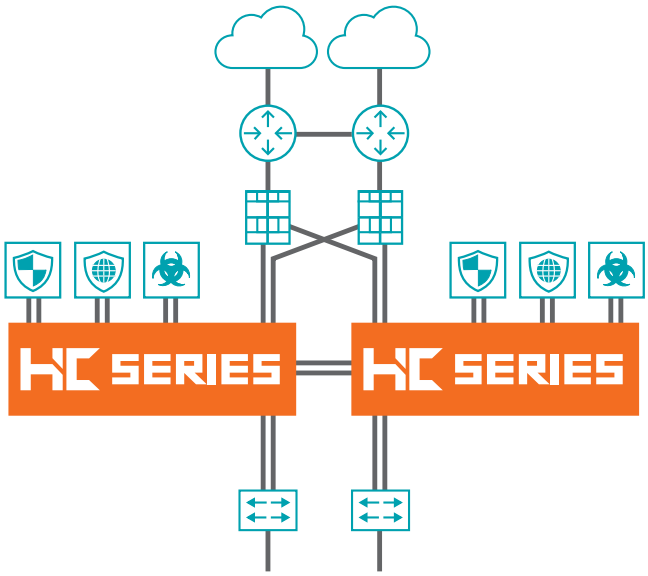
Leaf-spine Deployment of the GigaVUE HC Series nodes



In this architecture, if one of the TA Series or HC Series nodes goes down the traffic is distributed amongst the remaining live nodes. this ensures high availability of the network.

This architecture also ensures that the security tools attached to the HC Series nodes are available even if one of the TA Series in the Spine Nodes fail.

Fully redundant (dual path) network architecture that addresses asymmetric routing security blind spots



One side of the network is protected by the inline GigaVUE HC Series node and its tools, the other network protected by a second GigaVUE HC Series node and its tools. Notice the two inline GigaVUE HC Series nodes are connectd as traffic flows between them the same way as the traffic flows between the switches and firewalls above them. This allows the tools to be shared across the redundant network paths. The tools on the left can be looking at traffic coming from either side of the network and the same is the case with the tools on the right.

HC Series Comparison

	GigaVUE-HC1	GigaVUE-HC2	GigaVUE-HC3
Size	“Small” (1RU)	“Medium” (2RU)	“Large” (3RU)
# of Modules	2	4 + 1 Rear GigaSMART	4
Maximum Capacity	284Gbps	960Gbps	3.2Tbps† or 6.4Tbps‡
Port Speeds	10/100Mb, 1Gb, 10Gb	10/100Mb**, 1Gb, 10Gb, 40Gb, 100Gb	10Gb, 25Gb‡, 40Gb, 100Gb
Physical Bypass Options	10/100/1000BASE-T 1Gb/10Gb SX/SR Fiber	10/100/1000BASE-T 1Gb/10Gb SX/SR Fiber 1Gb/10Gb LX/LR Fiber 40Gb SR4 Fiber	40Gb/100Gb SR4 Fiber 10Gb SR Fiber using breakout panel 40Gb LR4 Fiber 100Gb LR4 Fiber
		** Tap/bypass only	† Control Card Version 1 ‡ Control Card Version 2

Table 1: GigaVUE-HC1/HC2/HC3 Modules

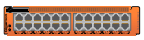
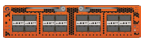
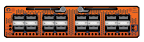
Product	Description
GigaVUE-HC1 Modules	
 BPS-HC1-D25A24	• 1Gb/10Gb Bypass combo module • 2 pairs of SX/SR 50/125µm BPS + 4 x 10Gb/1Gb (SFP+/SFP) ports
 TAP-HC1-G10040	• Embedded TAP and bypass module • 4 pairs of copper (RJ-45) TAPs or BPS • Each pair can be individually configured into TAP or BPS
GigaVUE-HC2 Modules	
 PRT-HC0-X24	• 24 x 10Gb/1Gb (SFP+/SFP) ports • A GigaVUE-HC2 fabric node fully populated with 4 PRT-HC0-X24 modules provides 96 x 10Gb ports
 PRT-HC0-Q06	• 6 x 40Gb (QSFP+) ports • A GigaVUE-HC2 fabric node fully populated with 4 PRT-HC0-Q06 modules provides 24 x 40Gb ports
 PRT-HC0-C02	• 2 x 100Gb (QSFP28 ports) supporting 100GBASE-SR4 • PRT-HC0-C02 requires Control Card version 2
 BPS-HC0-Q25A28	• Bypass combo module • 2 pairs of 40G SR4 BPS + 8 x 10Gb/1Gb (SFP+/SFP) ports
 BPS-HC0-D25A4G	• Bypass combo module • 4 pairs of SX/SR 50/125µm BPS + 16 x 10Gb/1Gb (SFP+/SFP) ports
 BPS-HC0-D25B4G	• Bypass combo module • 4 pairs of SX/SR 62.5/125µm BPS + 16 x 10Gb/1Gb (SFP+/SFP) ports
 BPS-HC0-D35C4G	• Bypass combo module • 4 pairs of LX/LR singlemode BPS + 16 x 10Gb/1Gb (SFP+/SFP) ports
 TAP-HC0-D25AC0	• Embedded TAP module • 12 x SX/SR 50/125µm TAPs • 50/50 split ratio
 TAP-HC0-D25BC0	• Embedded TAP module • 12 x SX/SR 62.5/125µm • 50/50 split ratio
 TAP-HC0-D35CC0	• Embedded TAP module • 12 x LX/LR TAPs • 50/50 split ratio
 TAP-HC0-G100C0	• Embedded TAP module and bypass • 12 pairs of copper (RJ-45) TAPs or BPS • Each pairs can be individually configured into TAP or BPS

Table 1: GigaVUE-HC1/HC2/HC3 Modules continued

Product	Description
GigaVUE-HC2 Modules continued	
 SMT-HC0-X16	• GigaSMART front module with 16 x 10Gb/1Gb (SFP+/SFP) ports • Includes slicing, masking, source port and GigaVUE tunneling de-encapsulation • Additional GigaSMART licenses are available for other features such as SSL/TLS decryption, de-duplication, Adaptive Packet Filtering, and NetFlow and Metadata Generation Engine • See the GigaSMART data sheet for more information
 SMT-HC0-R	• GigaSMART rear module • Includes slicing, masking, source port and GigaVUE tunneling de-encapsulation • Additional GigaSMART licenses are available for other features such as de-duplication, Adaptive Packet Filtering, and NetFlow and Metadata Generation
GigaVUE-HC3 Modules	
 PRT-HC3-C16	• 16 x 100Gb/40Gb (QSFP28/QSFP+) ports • Port Modes: 1 x 100Gb/40Gb, 4 x 25Gb[1, 2], or 4 x 10Gb[1]
 PRT-HC3-C08Q08	• 8 x 100Gb QSFP28 ports • Port Modes: 1 x 100Gb, 2 x 40Gb, 4 x 25Gb[1, 2], or 4 x 10Gb[1]
 SMT-HC3-C05	• 2 GigaSMART engines with 100Gbps processing power per engine • 5 x 100Gb QSFP ports • Port Modes: 1 x 100Gb, 1 x 40Gb, 4 x 25Gb[1, 2], or 4 x 10Gb[1]
 PRT-HC3-X24	• 24 x 25Gb[2]/10Gb (SFP28/SFP+) ports
 BPS-HC3-C25F2G	• 100Gb/40Gb/25Gb/10Gb Bypass combo module • 2 pairs of 100Gb/40Gb SR4 BPS; up to 8 pairs of 10Gb SR BPS • 16 x 25Gb[2]/10Gb (SFP28/SFP+) ports
 BPS-HC3-Q35C2G	• 40Gb/25Gb/10Gb Bypass combo module • 2 pairs of 40Gb LR4 BPS • 16 x 25Gb[2]/10Gb (SFP28/SFP+) ports
 BPS-HC3-C35C2G	• 100Gb/40Gb/25Gb/10Gb Bypass combo module • 2 pairs of 100Gb LR4 BPS • 16 x 25Gb[2]/10Gb (SFP28/SFP+) ports

[1]Requires MPO-to-4xLC breakout cable or the PNL-M341 or PNL-M343 modules for G-TAP M Series
[2]25Gb requires Control Card Version 2 (CTL-HC3-002)

Product Specifications

Table 2: Physical Dimensions & Weight

Product	Height	Width	Depth	Weight
GigaVUE-HC1				
GigaVUE-HC1 base unit	1RU 1.75in (4.45cm)	17.26in (438.5mm) With ears mounted: 19.00in (483.5mm)	19.5in (495mm) With PSU handle and card ejector: 20.92in (531.8mm)	20.88lbs (9.47kg) With ears: 21.12lbs (9.58kg)
BPS-HC1-D25A24 Bypass Combo Module	1.6in (4.10cm)	4.65in (11.80cm)	10.13in (24.98cm)	2.2lb (0.99kg)
TAP-HC1-G10040 Copper (RJ-45) 4 TAP and Bypass Module	1.6in (4.10cm)	4.65in (118mm)	10.13in (249.8mm)	1.50lbs (.68kg)
GigaVUE-HC2				
GigaVUE-HC2 base unit	2RU 3.5in (8.9cm)	19.0in (48.3cm)	24.2in (61.6cm) without cable management 27.0in (68.6cm) with cable management	36.80lbs (16.70kg)
PRT-HC0-X24	1.6in (4.1cm)	8.0in (20.3cm)	9.4in (23.8cm)	2.12lbs (0.96kg)
PRT-HC0-Q06	1.6in (4.1cm)	8.0in (20.3cm)	9.4in (23.8cm)	2.40lbs (1.09kg)
PRT-HC0-C02	1.6in (4.1cm)	8.0in (20.3cm)	9.4in (23.8cm)	2.30lbs (1.09kg)
BPS-HC0-Q25A28	1.6in (4.1cm)	8.0in (20.3cm)	10.5in (26.7cm)	3.14lbs (1.42kg)
BPS-HC0-D25A4G	1.6in (4.1cm)	8.0in (20.3cm)	10.5in (26.7cm)	3.60lbs (1.63kg)
BPS-HC0-D25B4G	1.6in (4.1cm)	8.0in (20.3cm)	10.5in (26.7cm)	3.60lbs (1.63kg)
BPS-HC0-D35C4G	1.6in (4.1cm)	8.0in (20.3cm)	10.5in (26.7cm)	3.60lbs (1.63kg)
TAP-HC0-D25AC0	1.6in (4.1cm)	8.0in (20.3cm)	9.4in (23.8cm)	3.50lbs (1.59kg)

Table 2: Physical Dimensions & Weight continued

Product	Height	Width	Depth	Weight
TAP-HC0-D25BC0	1.6in (4.1cm)	8.0in (20.3cm)	9.4in (23.8cm)	3.50lbs (1.59kg)
TAP-HC0-D35CC0	1.6in (4.1cm)	8.0in (20.3cm)	9.4in (23.8cm)	3.50lbs (1.59kg)
TAP-HC0-G100C0	1.6in (4.1cm)	8.0in (20.3cm)	9.4in (23.8cm)	3.20lbs (1.45kg)
SMT-HC0-X16	1.6in (4.1cm)	8.0in (20.3cm)	10.2in (26.0cm)	4.40lbs (2.00kg)
SMT-HC0-R	1.6in (4.1cm)	9.3in 23.5cm	13.2in (33.6cm)	4.40lbs (2.00kg)
GigaVUE-HC3				
GigaVUE-HC3	3RU 5.25in (13.34cm)	19.0in (48.26cm)	29.1in (74.0cm) without cable management 33.5in (85.0cm) with cable management	88.0lbs (40.00kg)
PRT-HC3-C16	1.9in (4.7cm)	8.5in (21.7cm)	16.1 in (41.0cm)	6.0lbs (2.72kg)
PRT-HC3-C08Q08	1.9in (4.7cm)	8.5in (21.7cm)	16.1in (41.0cm)	2.40lbs (1.09kg)
SMT-HC3-C05	1.9in (4.7cm)	8.5in (21.7cm)	16.1in (41.0cm)	4.40lbs (2.00kg)
PRT-HC3-X24	1.9in (4.7cm)	8.5in (21.7cm)	16.1in (41.0cm)	2.12lbs (0.96kg)
BPS-HC3-C25F2G	1.9in (4.7cm)	8.5in (21.7cm)	16.1in (41.0cm)	6.40lbs (2.90kg)
BPS-HC3-Q35C2G	1.9in (4.7cm)	8.5in (21.7cm)	16.1in (41.0cm)	6.05lbs (2.74kg)
BPS-HC3-C35C2G	1.9in (4.7cm)	8.5in (21.7cm)	16.1in (41.0cm)	6.05lbs (2.74kg)

Table 3: Power Specifications

Type	
GigaVUE-HC1	
Power Configurations	• 1 + 1 Power: 2 Power Supply Modules
Max Power Consumption/Heat Output	• 212 Watts; 722.9 BTU/hr • Fully populated system with all ports at 100% traffic load
AC Power Supply Modules	• Min/Max Voltage: 100V - 127V AC, 200V - 240V AC, 50/60Hz • Max PSM Input Current: 5.8A @ 100V, 2.9A @ 200V
DC Power Supply Modules	• Min/Max Voltage: -40.5V to -60V DC • Max PSM Input Current: 24A @ -40.5V
GigaVUE-HC2	
Power Configurations	• 1 + 1 Power: 2 Power Supply Modules
Max Power Consumption/Heat Output	• 960 Watts; 3276 BTU/hr (Control Card versions 1 & 2) • Fully populated system with all ports at 100% traffic load
AC Power Supply Modules	• Min/Max Voltage: 100V - 240V AC , 47-63Hz • Max PSM Input Current: 14A @ 100V
DC Power Supply Modules	• Min/Max Voltage: -36V to -72V DC • Max PSM Input Current: 35A @ -36V
GigaVUE-HC3	
Power Configurations	• 1 + 1 Power: 2 Power Supply Modules • 2 + 2 Power: 4 Power Supply Modules
Max Power Consumption/Heat Output	• 1850 Watts; 6312.4 BTU/hr (Control Card version 1) • 2000 Watts; 6824.3 BTU/hr (Control Card version 2) • Fully populated system with all ports at 100% traffic load
AC Power Supply Modules	• Min/Max Voltage: 100V - 115V AC, 200V - 240V AC, 50/60Hz • Max PSM Input Current: 14A @ 100V, 10A @ 200V
DC Power Supply Modules	• Min/Max Voltage: -40V to -72V DC • Max PSM Input Current: 48A @ -40V

Table 4: Environmental Specifications

Type	GigaVUE-HC1/HC2/HC3
Operating temperature	32°F to 104°F (0°C to 40°C)
Operating relative humidity	20% to 80%, non-condensing
Recommended storage temperature	-4°F to 158°F (-20°C to 70°C)
Recommended storage relative humidity	15% to 85%, non-condensing
Altitude	Up to 15,000 ft (4.57km)

Table 5: Standards & Protocols

Type	GigaVUE-HC1/HC2/HC3
Standards and protocols	IEEE 802.3-2012, IEEE 802.1Q VLAN, IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX, IEEE 802.3ab 1000BASE-T, IEEE 802.3z 1000BASE-X, IEEE 802.3ae 10000BASE-X, IEEE 802.3ba, RFC 783 TFTP, RFC 791 IP, RFC 793 TCP, RFC 826 ARP, RFC 854 Telnet, RFC 768 UDP, RFC 792 ICMP, SNMP v1/v2c & v3, RFC 2131 DHCP client, RFC 1492 TACACS+, and support for IPv4 and IPv6

Table 6: Compliance

Type	
GigaVUE-HC1	
Safety	UL 60950-1; CSA C22.2 EN 60950-1; IEC-60950-1:2005(2nd Edition) + Am 1:2009 + Am 2:2013
Emissions	FCC Part 15, Class A; VCCI Class A; EN55022/CISPR-22 Class A; Australia/New Zealand AS/NZS CISPR-22 Class A: RCM; EU: CE Mark EN 55022 Class A, CCC China, BSMI Taiwan, Korea KCC, Russia EAC
Immunity	ETSI EN300 386 V1.3.2, EN61000-4-2, EN 61000-4-3, 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-3-2
Environmental	RoHS 6: EU directive 2002/95/EC
NEBS	Level 3

Table 6: Compliance continued

Type	
GigaVUE-HC2	
Safety	UL 60950-1; CSA C22.2 EN 60950-1; IEC-60950-1
Emissions	FCC Part 15, Class A; VCCI Class A; EN55022/CISPR-22 Class A; Australia/New Zealand AS/NZS CISPR-22 Class A; CE Mark EN 55022 Class A CCC; BSMI; EAC; KCC
Immunity	ETSI EN300 386 V1.3.2, EN61000-4-2, EN 61000-4-3, 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-3-2
Environmental	RoHS 6, EU directive 2002/95/EC, NEBS Level 1 (GVS-HC201/2), NEBS Level 3 (GVS-HC2A1/2)
Security	FIPS 140-2, UC APL, Common Criteria
GigaVUE-HC3	
Safety	UL 60950-1, 2nd Edition; CAN/CSA C22.2 No. 60950-1-07, 2nd Edition; EN 60950-1:2006/ A11:2009/ A1:2010/A12:2011/A2:2013; IEC 60950-1:2005 (2nd Edition) + Am 1:2009 + Am 2:2013
Emissions	FCC Part 15, Class A; VCCI Class A; EN55022/CISPR-22 Class A; Australia/New Zealand AS/NZS CISPR-22 Class A; EU:CE Mark EN 55022 Class A; CCC China; BSMI Taiwan; KCC Korea; EAC Russia
Immunity	ETSI EN300 386 V1.6.1:2012; EN61000-3-2; EN61000-3-3; EN61000-4-2; EN61000-4-3; EN61000-4-4; EN61000-4-5; EN61000-4-6; EN61000-4-8; EN61000-4-11
Environmental	EU RoHS 6, EU Directive 2011/65/EU; 2006/1907/EC (REACH); ISTA 2A
Security	FIPS 140-2
NEBS	Level 1 (GVS-HC301/2)

Ordering Information

Part Number	Description
GigaVUE-HC1	
Base Hardware	
GVS-HC101	GigaVUE-HC1 node, 12 1G/10G cages, 4 10/100/1000M Copper, fan tray, 2 power supplies, AC power
GVS-HC102	GigaVUE-HC1 node, 12 1G/10G cages, 4 10/100/1000M Copper, fan tray, 2 power supplies, DC power
BPS-HC1-D25A24	Bypass Combo Module, GigaVUE-HC1, 2 SX/SR 50/125 BPS pairs, 4 10G cages
TAP-HC1-G10040	TAP and Bypass module, GigaVUE-HC1, 10/100/1000M Copper, 4 TAPs or BPC pairs
Licenses	
SMT-HC1-BSE	GigaSMART, GigaVUE-HC1 license combo, includes Slicing, Masking, & Source Port features
SMT-HC1-DD1	GigaSMART, GigaVUE-HC1 license, De-Duplication feature
SMT-HC1-HS1	GigaSMART, GigaVUE-HC1 license, Header Stripping feature
SMT-HC1-TUN	GigaSMART, GigaVUE-HC1 license, Tunneling feature (includes ERSPAN De-Encapsulation)
SMT-HC1-NF1	GigaSMART, GigaVUE-HC1 license, NetFlow Generation feature
SMT-HC1-FVU	GigaSMART, GigaVUE-HC1 license, FlowVUE feature license
SMT-HC1-APF	TAP and Bypass Module, HC Series, Copper, 12 TAP or BPS pairs
SMT-HC1-ASF	GigaSMART, GigaVUE-HC1 license, Application Session Filtering feature license; requires SMT-HC1-APF
SMT-HC1-SSL	GigaSMART, GigaVUE-HC1, SSL Decryption for Out of Band Tools Feature License
SMT-HC1-INSSL	GigaSMART, GigaVUE-HC1, SSL Decryption for Inline and Out of Band Tools Feature License
Fan and Power Supplies	
FAN-TAXQ0	GigaVUE-TA10, TA40, HC1 fan assembly, each (2 required on TA10, 3 on TA40 and HC1)
PWR-TAXQ1	Power Supply Module, GigaVUE-TA10, TA40, or HC1, AC, each
PWR-TAXQ2	Power Supply Module, GigaVUE-TA10, TA40, or HC1 DC, each

Ordering Information continued

Part Number	Description
GigaVUE-HC2	
Base Hardware	
GVS-HC2A1	GigaVUE-HC2 base unit w/ chassis, Control Card Version 2, 1 Fan Tray, CLI, 2 power supplies, AC power
GVS-HC2A2	GigaVUE-HC2 base unit w/ chassis, Control Card Version 2, 1 Fan Tray, CLI, 2 power supplies, DC power
PRT-HC0-X24	Port Module, HC Series, 24x10G
PRT-HC0-Q06	Port Module, HC Series, 6x40G
PRT-HC0-C02	Port Module, HC Series, 2x100G QSFP28 cages. Requires Control Card Version 2
BPS-HC0-D25A4G	Bypass Combo Module, HC Series, 4 SX/SR 50/125 BPS pairs, 16 10G cages
BPS-HC0-D25B4G	Bypass Combo Module, HC Series, 4 SX/SR 62.5/125 BPS pairs, 16 10G cages
BPS-HC0-D35C4G	Bypass Combo Module, HC Series, 4 LX/LR BPS pairs, 16 10Gb cages
BPS-HC0-Q25A28	Bypass Combo Module, GigaVUE-HC2, 2 40G SR4 BPS pairs, 8 10G cages
TAP-HC0-D25AC0	TAP module, HC Series, SX/SR Internal TAP module 50/125, 12 TAPs
TAP-HC0-D25BC0	TAP module, HC Series, SX/SR Internal TAP module 62.5/125, 12 TAPs
TAP-HC0-D35CC0	TAP module, HC Series, LX/LR Internal TAP module, 12 TAPs
TAP-HC0-G100C0	TAP and Bypass Module, HC Series, Copper, 12 TAP or BPS pairs
SMT-HC0-R	GigaSMART, HC Series, Rear Module (includes Slicing, Masking, Source Port & GigaVUE Tunneling De-Encapsulation SW)
SMT-HC0-X16	GigaSMART, HC Series, Front Module, 16 10Gb cages (includes Slicing, Masking, Source Port & GigaVUE Tunneling De-Encapsulation SW)

Ordering Information continued

Part Number	Description
GigaVUE-HC2	
Licenses	
SMT-HC0-APF	GigaSMART, GigaVUE-HC2, Adaptive Packet Filtering feature license per GigaSMART module
SMT-HC0-ASF	GigaSMART, GigaVUE-HC2, Application Session Filtering feature license per GigaSMART module; requires SMT-HC0-APF
SMT-HC0-AT1	GigaSMART, GigaVUE-HC2, Advanced Tunneling feature license per GigaSMART module
SMT-HC0-DD1	GigaSMART, GigaVUE-HC2, De-Duplication feature license per GigaSMART module
SMT-HC0-FVU	GigaSMART, GigaVUE-HC2, FlowVUE feature license per GigaSMART module
SMT-HC0-GTP250	GigaSMART, GigaVUE-HC2, GTP Filtering & Correlation feature license per GigaSMART module 250K subscribers
SMT-HC0-GTP500	GigaSMART, GigaVUE-HC2, GTP Filtering & Correlation feature license per GigaSMART module 500K subscribers
SMT-HC0-GTPMAX	GigaSMART, GigaVUE-HC2, GTP Filtering & Correlation feature license per GigaSMART module Maximum subscribers
SMT-HC0-HS1	GigaSMART, GigaVUE-HC2, Header Stripping feature license per GigaSMART module
SMT-HC0-NF1	GigaSMART, GigaVUE-HC2, NetFlow Generation feature license per GigaSMART module
SMT-HC0-SSL	GigaSMART, GigaVUE-HC2, SSL Decryption for Out of Band Tools feature license per GigaSMART module
SMT-HC0-INSSL	GigaSMART, GigaVUE-HC2, SSL Decryption for Inline and Out of Band Tools feature license per GigaSMART module
Fan and Power Supplies	
FAN-HC200	GigaVUE-HC2 Fan Assembly, each (1 required)
PWR-HC201	ower Supply Module, GigaVUE-HC2, AC
PWR-HC202	ower Supply Module, GigaVUE-HC2, DC

Ordering Information continued

Part Number	Description
GigaVUE-HC3	
Base Hardware	
GVS-HC301	GigaVUE-HC3 base unit w/ chassis, Control Card, 5 Fan Modules, CLI, 2 power supplies, AC power
GVS-HC302	GigaVUE-HC3 base unit w/ chassis, Control Card, 5 Fan Modules, CLI, 2 power supplies, DC power
GVS-HC3A1	GigaVUE-HC3 base unit w/ chassis, Control Card v2, 5 Fan Modules, CLI, 2 power supplies, AC power
GVS-HC3A2	GigaVUE-HC3 base unit w/ chassis, Control Card v2, 5 Fan Modules, CLI, 2 power supplies, DC power
CTL-HC3-002	Control Card Version 2, GigaVUE-HC3, each
PRT-HC3-C16	Port Module, GigaVUE-HC3, 16x100G QSFP28 cages
PRT-HC3-C08Q08	Port Module, GigaVUE-HC3, 8x100G QSFP28 cages and 8x40G QSFP+ cages
SMT-HC3-C05	GigaSMART, GigaVUE-HC3, 5x100G QSFP28 cages (includes Slicing, Masking, Source Port & GigaVUE Tunneling De-Encapsulation SW)
PRT-HC3-X24	Port Module, GigaVUE-HC3, 24x10G
BPS-HC3-C25F2G	Bypass Combo Module, GigaVUE-HC3, 2 100Gb SR4 BPS pairs, 16 10G cages
BPS-HC3-Q35C2G	Bypass Combo Module, GigaVUE-HC3, 2 40Gb LR BPS pairs, 16 10G cages
BPS-HC3-C35C2G	Bypass Combo Module, GigaVUE-HC3, 2 100Gb LR BPS pairs, 16 10G cages
Licenses	
SMT-HC3-DD1	GigaSMART, GigaVUE-HC3, De-Duplication Feature License per GigaSMART module
SMT-HC3-HS1	GigaSMART, GigaVUE-HC3, Header Stripping Feature License per GigaSMART module
SMT-HC3-AT1	GigaSMART, GigaVUE-HC3, Advanced Tunneling Feature License per GigaSMART module
SMT-HC3-FVU	GigaSMART, GigaVUE-HC3, FlowVUE Feature License per GigaSMART module
SMT-HC3-APF	GigaSMART, GigaVUE-HC3, Adaptive Packet Filtering Feature License per GigaSMART module
SMT-HC3-ASF	GigaSMART, GigaVUE-HC3, Application Session Filtering Feature License per GigaSMART module; requires SMT-HC3-APF
SMT-HC3-NF1	GigaSMART, GigaVUE-HC3, NetFlow Generation Feature License per GigaSMART module
SMT-HC3-SSL	GigaSMART, GigaVUE-HC3, SSL Decryption for Out of Band Tools Feature License per GigaSMART module
SMT-HC3-INSSL	GigaSMART, GigaVUE-HC3, Inline SSL and Passive SSL Decryption feature license per GigaSMART module
SMT-HC3-GTPMAX	GigaSMART, GigaVUE-HC3, GTP Filtering & Correlation Feature License per GigaSMART module, Maximum subscribers

Ordering Information continued

Part Number	Description
GigaVUE-HC3	
Fan and Power Supplies	
FAN-HC300	GigaVUE-HC3 Fan Assembly, each (5 required)
PWR-HC301	Power Supply Module, GigaVUE-HC3, AC (each)
PWR-HC302	Power Supply Module, GigaVUE-HC3, DC (each)
Optics for HC1/HC2/HC3	
SFP-501	1Gb SFP, Copper, UTP with RJ45 interface
SFP-502	1Gb SFP, Multimode 850
SFP-503	1Gb SFP, Singlemode 1310
SFP-531	10 Gig SFP+, Copper 10GBASE-T, RJ45 interface
SFP-532	10Gb SFP+, Multimode 850nm SR
SFP-533	10Gb SFP+, Singlemode 1310nm LR
SFP-534	10Gb SFP+, Singlemode 1550nm ER (special order)
SFP-535	10Gb SFP+, Multimode 1310nm LRM (special order)
QSB-501	40 Gig QSFP+ BiDi, Multimode SR RX-only
QSB-502	40 Gig QSFP+ BiDi, Multimode SR, Full Duplex
QSB-512	100 Gig QSFP28 BiDi, Multimode SR, Full Duplex
QSF-502	40Gb QSFP+, Multimode 850nm SR4
QSF-503	40Gb QSFP+, Singlemode LR4
QSF-506	40Gb QSFP+ Parallel Singlemode LR for 4x10G Breakout, 1310 nm
QSF-507	40 Gig QSFP+, Multimode SR4 Extended Reach
Q28-502	100 Gig QSFP28, Multimode SR4
Q28-503	100 Gig QSFP28, Singlemode LR4
Q28-513	100 Gig QSFP28, Singlemode CWDM4

Ordering Information continued

Part Number	Description
Cabling for HC2/HC3	
CBL-205	SFP+ to SFP+ Direct Attach Copper cable, 5 meters
CBL-310	SFP+ Active Fiber Cable, 10 meters
CBL-405	Active Fiber cable, 5 meters (QSFP approved)
CBL-410	Active Fiber cable, 10 meters (QSFP approved)
CBL-450	Active Fiber cable, 50 meters (QSFP approved)
Management for HC1/HC2/HC3	
GFM-HW0-FM010	GigaVUE-FM Hardware Appliance, manages up to 10 Physical Visibility Fabric Nodes
GFM-FM001	GigaVUE-FM, manage 1 Physical Visibility Fabric Node
GFM-FM005	GigaVUE-FM, manage up to 5 Physical Visibility Fabric Nodes
GFM-FM010	GigaVUE-FM, manage up to 10 Physical Visibility Fabric Nodes
GFM-FM000	GigaVUE-FM Prime Edition, manage up to 200 Physical Visibility Fabric Nodes, includes FabricVUE Traffic Analyzer (GFM-FM-FTA) and VMware NSX Manager Integration (GFM-VM-NSX) add-ons

Support and Services

Gigamon offers a range of support and maintenance services. For details regarding Gigamon's Limited Warranty and its Product Support and Software Maintenance Programs, visit www.gigamon.com/support-and-services/overview-and-benefits

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