

GigaVUE Hardware Product Comparison Chart

Product (running GigaVUE-OS)	COTS Switches	GigaVUE TA Series			GigaVUE HC Series			
	Dell S4112F-ON	GigaVUE-TA25/TA25E	GigaVUE-TA200/TA200E	GigaVUE-TA400	GigaVUE-HCT	GigaVUE-HC1	GigaVUE-HC1-Plus	GigaVUE-HC3
Physical Specifications								
Height (rack units)	1RU	1RU	2RU	1RU	1RU	1RU	1RU	3RU
Width (19" rack)	Half	Full	Full	Full	Half	Full	Full	Full
Modular Design	-	-	-	-	✓	✓	✓	✓
AC or DC Redundant Power Supply	✓	✓	✓	✓	✓	✓	✓	✓
Field Replaceable Cooling Fans	✓	✓	✓	✓	✓	✓	✓	✓
Throughput & Capacity								
Maximum Visibility ¹	840Gb	2Tb	6.4Tb	12.8Tb	500Gb	604Gb	1.8Tb	6.4Tb
Maximum Map Filter Rules ¹	8k	18k ¹	24k ¹	88k	3k	16k	36k	24k
Maximum Port Densities								
10/100Mb Ports ¹	-	-	-	-	8	32	-	-
1Gb Ports ¹	12	48	-	-	8	40	32	-
10Gb Ports ¹	12/24 ²	56/80 ²	128 ²	128 ²	32	60 ²	72 ²	128 ²
25Gb ports	-	56/80 ²	128 ²	128 ²	12	-	72 ²	128 ²
40Gb Ports ¹	3	8	64	32	6	8	12	64
100Gb Ports ¹	3	8	64	128 ²	2	-	12	32/64 ³
400Gb Ports ¹	-	-	-	32	-	-	-	-
Port Transceiver Types								
10/100/1000BASE-T Copper SFP	✓ ⁴	✓ ⁴	-	-	✓	✓	✓ ⁴	-
1Gb SFP	✓	✓	-	-	✓	✓	✓	-
10Gb SFP+	✓	✓	-	-	✓	✓	✓	✓
25Gb SFP28	-	✓	-	-	✓	-	✓	✓ ³
40Gb QSFP+	✓	✓	✓	✓	✓	✓	✓	✓
100Gb QSFP28	✓	✓	✓	✓	✓	-	✓	✓
400Gb QSFP-DD	-	-	-	✓	-	-	-	-

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Integrated Taps								
10/100/1000Base-T Copper Tap	–	–	–	–	✓	✓	✓ ⁵	–
1Gb/10Gb Fiber Network Tap	–	–	–	–	–	–	–	–
10/100/1000Base-T Copper Bypass Tap	–	–	–	–	✓	✓	✓	–
1Gb Fiber Bypass Tap	–	–	–	–	✓	✓	✓	–
10Gb Fiber Bypass Tap	–	–	–	–	✓	✓	✓	✓
40Gb Fiber Bypass Tap	–	–	–	–	–	–	–	✓
100Gb Fiber Bypass Tap	–	–	–	–	–	–	–	✓
400Gb Fiber Bypass Tap	–	–	–	–	–	–	–	–
GigaSMART® Engines per Module								
Front Module	N/A	N/A	N/A	N/A	1	1	1	2
Built-in or Rear Module	N/A	N/A	N/A	N/A	–	1	1	–
GigaVUE-OS Function & Features								
Flow Mapping®	✓	✓	✓	✓	✓	✓	✓	✓
VLAN Tagging	✓	✓	✓	✓	✓	✓	✓	✓
Logical Inline Bypass Protection	–	✓	✓	–	✓	✓	✓	✓
User-defined Attribute Filtering	✓	✓	✓	✓	✓	✓	✓	✓
Traffic Aggregation & Replication	✓	✓	✓	✓	✓	✓	✓	✓
Traffic Distribution (load-balancing)	✓	✓	✓	✓	✓	✓	✓	✓
Stacking Ports	✓ ⁴	✓ ⁴	✓ ⁴	✓ ⁴	✓	✓	✓	✓
Configuration Log	✓	✓	✓	✓	✓	✓	✓	✓
Role-Based Access Control (RBAC)	✓	✓	✓	✓	✓	✓	✓	✓
Port Access Control—Multiple Level	✓	✓	✓	✓	✓	✓	✓	✓
CLI Configuration and Management	✓	✓	✓	✓	✓	✓	✓	✓
REST API Configuration and Management (via FM)	✓	✓	✓	✓	✓	✓	✓	✓
GUI Configuration and Management	✓	✓	✓	✓	✓	✓	✓	✓
Configuration from GigaVUE-FM	✓	✓	✓	✓	✓	✓	✓	✓
Ansible Automation with GigaVUE-FM	✓	✓	✓	✓	✓	✓	✓	✓

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SNMP v1/v2/v3 Support	✓	✓	✓	✓	✓	✓	✓	✓
Remote Access via Telnet or SSH2	✓	✓	✓	✓	✓	✓	✓	✓
Remote Authentication (RADIUS, TACACS+)	✓	✓	✓	✓	✓	✓	✓	✓
Header Stripping (MPLS, VLAN, VxLAN)	–	✓ ⁴	✓ ⁴	✓ ⁴	✓	✓	✓	✓
Tunneling (L2GRE, VxLAN)	✓ ⁴	✓ ⁴	✓ ⁴	✓ ⁴	✓	✓	✓	✓
MAC Address Rewrite	–	✓ ⁴	✓ ⁴	✓ ⁴	✓	✓	✓	✓
Time Stamping	–	–	✓ ⁴	–	–	–	–	–
NEBS Level 3 Certified	–	–	✓	✓	✓	✓	✓	✓
GigaSMART® Applications & Features								
Traffic Intelligence								
Source Port Labeling	N/A	N/A	N/A	N/A	✓	✓	✓	✓
Advanced Header Stripping	N/A	N/A	N/A	N/A	✓	✓	✓	✓
De-duplication	N/A	N/A	N/A	N/A	✓	✓	✓	✓
Packet Slicing	N/A	N/A	N/A	N/A	✓	✓	✓	✓
Advanced Flow Slicing	N/A	N/A	N/A	N/A	✓	✓	✓	✓
Masking	N/A	N/A	N/A	N/A	✓	✓	✓	✓
Adaptive Packet Filtering	N/A	N/A	N/A	N/A	✓	✓	✓	✓
Advanced Load-Balancing	N/A	N/A	N/A	N/A	✓	✓	✓	✓
Advanced Tunneling (Including ERSPAN Termination and TCP Tunneling)	N/A	N/A	N/A	N/A	✓	✓	✓	✓
NetFlow Generation	N/A	N/A	N/A	N/A	✓	✓	✓	✓
Application Intelligence								
Application Filtering Intelligence	N/A	N/A	N/A	N/A	✓	✓	✓	✓
Application Metadata Intelligence	N/A	N/A	N/A	N/A	✓	✓	✓	✓

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Application Visualization	N/A	N/A	N/A	N/A	✓	✓	✓	✓
Subscriber Intelligence								
5G Correlation	N/A	N/A	N/A	N/A	–	–	–	✓
GTP Correlation	N/A	N/A	N/A	N/A	–	–	✓	✓
Security Intelligence								
TLS/SSL Decryption (Inline and Out-of-Band)	N/A	N/A	N/A	N/A	✓ ⁶	✓	✓	✓

Support and Services

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

¹ Dependent on configured modules

² Using breakout, such as G-TAP PNL-M341

³ Requires GigaVUE-HC3 Control Card Version 2

⁴ With Advanced Features License

⁵ 1000Mbps only

⁶ Only Out-of-band is Supported

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