GigaVUE Hardware Product Comparison Chart

Product (running GigaVUE-OS)	COTS Switches Dell S4112F-ON	GigaVUE TA Series TA25/TA25E	GigaVUE TA Series TA200/TA200E	GigaVUE TA Series TA400	GigaVUE HC Series HC1	GigaVUE HC Series HC1-Plus	GigaVUE HC Series HC3
Physical Specifications							
Height (rack units)	1RU	1RU	2RU	1RU	1RU	1RU	3RU
Width (19" rack)	Half	Full	Full	Full	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	604Gb	1.8Tb	6.4Tb
Maximum Map Filter Rules[1]	8k	18k[2]	24k[2]	88k	16k	36k	24k
Maximum Port Densities							
10/100Mb Ports[1]	–	–	–	–	32	–	–
1Gb Ports[1]	12	48	–	–	40	32	–
10Gb Ports[1]	12/24 [4]	56/80 [4]	128 [4]	128 [4]	60 [4]	72 [4]	128 [4]
25Gb ports	–	56/80 [4]	128 [4]	128 [4]	–	72 [4]	128 [4]
40Gb Ports[1]	3	8	64	32	8	12	64
100Gb Ports[1]	3	8	64	128 [4]	–	12	32/64 [5]
400Gb Ports[1]	–	–	–	32	–	–	–
Port Transceiver Types							
10/100/1000BASE-T Copper SFP	✓ [3]	✓ [3]	–	–	✓	✓ [3]	–
1Gb SFP	✓	✓	–	–	✓	✓	–
10Gb SFP+	✓	✓	–	–	✓	✓	✓
25Gb SFP28	–	✓	–	–	–	✓	✓ [5]
40Gb QSFP+	✓	✓	✓	✓	✓	✓	✓
100Gb QSFP28	✓	✓	✓	✓	–	✓	✓
400Gb QSFP-DD	–	–	–	✓	–	–	–

Product (running GigaVUE-OS)	COTS Switches	GigaVUE TA Series			GigaVUE HC Series		
	Dell S4112F-ON	TA25/TA25E	TA200/TA200E	TA400	HC1	HC1-Plus	HC3
Integrated TAPs							
10/100/1000Base-T Copper Tap	–	–	–	–	✓	✓ [3]	–
1Gb/10Gb Fiber Network TAP	–	–	–	–	–	–	–
10/100/1000Base-T Copper Bypass TAP	–	–	–	–	✓	✓	–
1Gb Fiber Bypass TAP	–	–	–	–	✓	✓	1Gb –
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	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	✓ [2]	✓ [2]	✓ [2]	✓ [2]	✓	✓	✓
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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	Dell S4112F-ON	TA25/TA25E	TA200/TA200E	TA400	HC1	HC1-Plus	HC3
SNMP v1/v2/v3 Support	✓	✓	✓	✓	✓	✓	✓
Remote Access via Telnet or SSH2	✓	✓	✓	✓	✓	✓	✓
Remote Authentication (RADIUS, TACACS+)	✓	✓	✓	✓	✓	✓	✓
Header Stripping (MPLS, VLAN, VxLAN)	–	✓ [2]	✓ [2]	✓ [2]	✓	✓	✓
Tunneling (L2GRE, VxLAN)	✓ [2]	✓ [2]	✓ [2]	✓ [2]	✓	✓	✓
MAC Address Rewrite	–	✓ [2]	✓ [2]	✓ [2]	✓	✓	✓
Time Stamping	–	–	✓ [2]	–	–	–	–
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	✓	✓	✓
Application Visualization	N/A	N/A	N/A	N/A	✓	✓	✓

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	Dell S4112F-ON	TA25/TA25E	TA200/TA200E	TA400	HC1	HC1-Plus	HC3
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	✓	✓	✓

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] With Advanced Features License
[3] 1000Mbps only
[4] Using breakout, such as G-TAP PNL-M341
[5] Requires GigaVUE-HC3 Control Card Version 2

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