

APV 600 Series

D A T A S H E E T



Application Delivery Controllers

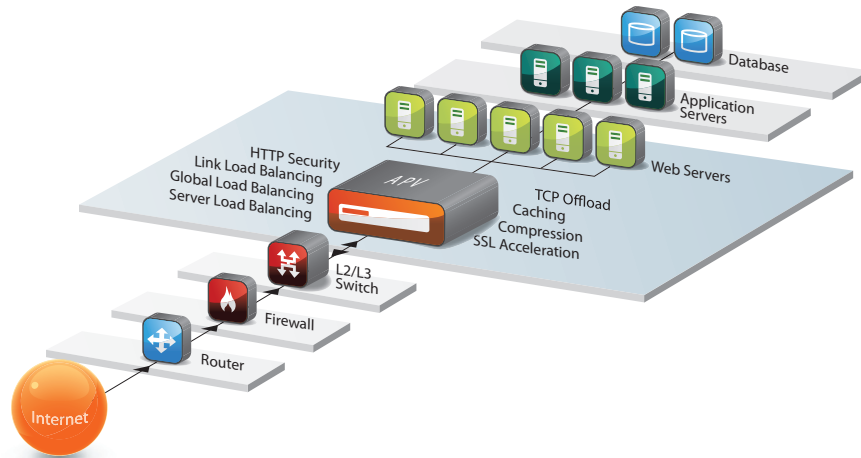
Array Networks APV 600 Series Application Delivery Controllers improve the availability, performance and security of enterprise applications, Web sites and IP data services while reducing cost and complexity in the data center.

Powered by Array SpeedCore™, APV 600 Series appliances leverage the latest in state-of-the-art multi-core processing, hardware acceleration, energy-efficient components and 10 Gigabit Ethernet connectivity to create an integrated appliance purpose-built for application delivery. Able to sustain industry-leading performance for traffic management, security and acceleration from the small enterprise to the large service provider, APV appliances deliver feature-functionality and economies-of-scale ideal for data center modernization, virtualization, cloud services and emerging IP data services.

Highlights & Benefits

- Multi-processor, multi-core, parallel architecture for industry-leading performance and scalability
- Right-sized appliances ranging from 2.3Gbps to 30Gbps to meet the needs of small enterprises through large cloud service providers
- Supports AppVelocity load balancing and acceleration, AppVelocity-S SSL acceleration and NetVelocity link load balancing products
- Integrates local, link and global load balancing, SSL acceleration, caching, TCP multiplexing, compression, IPv6, virtualization integration and a stateful packet inspection firewall
- 99.999% application availability, 5X application acceleration and multi-layer application security
- High-performance hardware SSL for offloading 1024 and 2048-bit encryption from servers
- Adaptive compression for bandwidth and application optimization
- RAM-based in-memory caching
- Gigabit and 10 Gigabit Ethernet with copper, SFP fiber and SFP+ fiber connectivity
- Compact 1RU and 2RU form factors for data center environments where space is at a premium
- Green hardware platforms that consume 10-35% less power than alternative products
- Redundant power for business-critical application environments requiring 24/7 application uptime
- N+1 clustering to 32 appliances for redundancy and industry-leading on-demand scalability
- Common SpeedCore™ platform for unified management and plug-and-play platform upgrades





	AppVelocity		AppVelocity-S		NetVelocity	
	APV1600	APV5600	APV1600	APV5600	APV1600	APV5600
	APV1600T	APV6600	APV1600T	APV6600	APV1600T	APV6600
	APV2600	APV8600	APV2600	APV8600	APV2600	APV8600
	APV4600	APV9600	APV4600	APV9600	APV4600	APV9600
WebWall	●	●	●	●	●	●
Clustering	●	●	●	●	●	●
Fast Failover	●	●	●	●	●	●
Multi-Language WebUI	●	●	●	●	●	●
tProxy	●	●	●	●	●	●
L4 SLB	●	●	●	●	●	●
L7 SLB	●	●	●	●	○	○
Caching	●	●	●	●	○	○
Compression (SW)	●	●	●	●	○	○
SSL	N/A	N/A	●	●	N/A	N/A
LLB	○	○	○	○	●	●
Traffic Shaping	○	○	○	○	●	●
Dynamic Route	○	○	○	○	●	●
Compression (HW)	N/A	○	N/A	○	N/A	○
IPv6 Support	○	○	○	○	○	○
GSLB	○	○	○	○	○	○

● Included ○ Optional N/A Not Available



A P P L I A N C E S P E C I F I C A T I O N S

	APV1600	APV1600T	APV2600	APV4600	APV5600	APV6600	APV8600	APV9600									
Throughput	1.5 Gbps	2.3 Gbps	4 Gbps	6Gbps	10 Gbps	18 Gbps	24Gbps	30Gbps									
Max Connections	500,000	1M	4M	8M	8M	16M	16M	16M									
SSL TPS	5,000	7,500	15,000	22,500	22,500	45,000	45,000	45,000									
SSL Throughput	700Mbps	1 Gbps	1.6Gbps	5Gbps	5Gbps	10Gbps	10Gbps	10Gbps									
Memory	4GB	4GB	8GB	16GB	16GB	32GB	32 GB	32 GB									
Ports	COP	COP	COP	SFP	COP	SFP	COP	SFP	SFP+	COP	SFP	SFP+	COP	SFP	SFP+		
GigE Copper and/or 10GigE Fiber	4	4	4		12	4	8		16			16	4		16		2
			4	2			8	4	16	4		16	4	2	16	4	2
			8				12	4	16	8		16	8		16	8	
			8	2					16		2	16	8	2	16		
									16	4	2	16		4	16	4	
Power Supply	Single	Single	Single/Dual	Dual	Dual	Dual	Dual	Dual									
Typical Power Consumption (Watts)	126W	126W	136W	162W	160W	244W	286W	289W									
Input Voltage	90-264 VAC 6-3A, 47-63Hz, ATX Auto-Switching		90-264VAC, single: 6-3A, 47 63Hz, Dual: 4-2A, 47-63Hz, ATX Auto-Switching	90-264VAC, 8.5A, 47-63Hz, ATX Auto-Switching			90-264VAC, 8.5A, 47-63Hz, ATX Auto-Switching										
Standards	10/100/1000 Base-TX (GbE), 1000 Base-SX/LX/ZX, 10 GigE, 10 Gig XF SR/LR, IP, SSH, HTTP 1.0/1.1, SSL, SNMP, RS232																
Management	SSH CLI, Direct Console DB9 CLI, SNMP, Single Console per Cluster, XML-RPC				SSH CLI, Direct Console DB9 CLI, SNMP, Single Console per Cluster, XML-RPC, Out of Band Management-RJ45												
Dimensions	1U: Single Power: 17" W x 15" D x 1.75" H		1U: Single Power: 17" W x 15" D x 1.75" H Dual Power: 17" W x 19.875" D x 1.75" H		2U: 17" W x 22.5" D x 3.5" H												
Weight	13.6 lbs		13.6 lbs /17.2 lbs		28 lbs												
Environmental	Operating Temperature: 0° to 45°C, Humidity: 0% to 90%, Non condensing																
Regulatory Compliance	IEC 60950-1, CSA 60950-1, EN 60950-1, ICES-003, EN 55024, CISPR 22, AS/NZS 3548, FCC, 47FR part 15 Class A, VCCI-A																
Safety	CSA, C/US, CE																



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