

DefensePro VA

Hypervisor	KVM kernel 3.19, QEMU 2.0, VMware (ESX server versions: 5.1, 5.5, 6.0)
Minimum VM requirements	2 vCPUs, 8GB RAM, 10GB storage
PERFORMANCE*	
OnDemand Scalable Throughput Licenses	DefensePro VA 200 Mbps, 500 Mbps, 1 Gbps, 2 Gbps, 5 Gbps, 10 Gbps, 20 Gbps*
Max Mitigation Capacity/Throughput	20 Gbps per DefensePro VA*
Max Legit Concurrent Sessions	1,000,000 sessions per vCPU
Max Attack Concurrent Sessions	Unlimited
Max DDoS Flood Attack Prevention Rate	Up to 950 KPPS per vCPU
Latency	< 60 micro seconds
Real-time Signatures	Detect and protect attacks in less than 18 seconds
INSPECTION PORTS	
10 GE	2 (Intel® Ethernet Server Adapter X520, 10 GbE; Intel® Ethernet Controller XL710, 40 GbE)
MANAGEMENT PORTS	
Ethernet	Via Virtual interface (virtio)
Management Console	KVM Virsh; VMware Serial Port
OPERATION MODE	
Network Operation	Transparent L2 Forwarding
Deployment Modes	In-line
Tunneling protocol	VLAN Tagging, L2TP, MPLS, GRE, GTP, IPinIP
IPv6	Yes
Jumbo Frame	Up to 2KB
Block Actions	Drop packet, Challenge, Response for TCP, HTTP and DNS suspicious traffic
HIGH AVAILABILITY	
Fail-open / fail-close	N/A
Advanced internal overload mechanism	N/A
Active-passive cluster	N/A
Warranty	Standard warranty for 90 days
Support	Certainty Support Program

* 20Gbps Throughput License supported on KVM

** performance figures assume Intel server-grade processor with 3 GHz

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