

Certified by Trend Micro Platforms

Independent Hardware Platforms supporting Trend Micro Software Appliance Deployments

TREND MICRO SOFTWARE APPLIANCE SUPPORT**What Trend Micro solutions support Software Appliance deployments?**

The following solutions support the software appliance form factor using specified hardware platforms

Abbreviation	Solution
IWSVA	InterScan Web Security Virtual Appliance
IMSVa	InterScan Messaging Security Virtual Appliance
ARM	Advanced Reporting and Management (for InterScan Web Security v5.x)

Bare Metal Server Platform Matrix

Platform	Trend Micro Solution						
	Version Build	6.5 1200	IWSVA 6.0 1214	5.6 1364	8.x 1304	IMSVa 7.x 1170	ARM 1.6 1068
Dell							
R900		✓	✓	✓	✓		✓
R730		✓					
R720		✓	✓	✓			
R710		✓	✓	✓	✓	✓	✓
R610		✓	✓	✓	✓	✓	✓
R430		✓					
R420		✓	✓	✓			
R410		✓	✓	✓	✓	✓	✓
R300		✓	✓			✓	
R220		✓					
R210 II		✓	✓	✓			
R200		✓	✓	✓	✓		✓
2950 Series II/III		✓	✓	✓	✓	✓	✓
1950 Series II/III		✓	✓	✓	✓	✓	✓
1850 Series II						✓	
Hitachi							
BladeSymphony 1000		✓	✓	✓	✓	✓	
HP							
BL 460 C Generation 1		✓	✓	✓	✓	✓	✓
DL 360 G9		✓					
DL 360 G7		✓	✓	✓	✓		✓

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Platform		Trend Micro Solution					
Version		IWSVA			IMSVa		ARM
Build	6.5	6.0	5.6	8.x	7.x	1.6	
	1200	1214	1364	1304	1170	1068	
DL 360 G6	✓	✓	✓	✓		✓	
DL 380 G9	✓						
DL 380 G7	✓	✓	✓	✓		✓	
DL 380 G6	✓	✓	✓	✓		✓	
DL 380 G5					✓		
DL 385 G6	✓	✓	✓	✓		✓	
DL 385 G2	✓	✓	✓	✓	✓	✓	
DL 350 G5	✓	✓	✓	✓	✓	✓	
DL 388p G8	✓	✓	✓				
DL 380p G8	✓	✓	✓				
IBM							
Systems x3550	✓	✓	✓	✓	✓	✓	
Systems x3550 M5	✓						
NEC							
Express5800 R120a-1	✓	✓	✓	✓	✓	✓	
Express5800 R120RH-1	✓	✓	✓	✓	✓	✓	
Resilience							
ATL 1012	✓	✓	✓	✓			
Sun							
Sunfire X4450	✓	✓	✓	✓	✓	✓	
SuperMicro							
Superserver 1026T	✓	✓	✓	✓		✓	
Superserver 5016T	✓	✓	✓	✓		✓	

Bare Metal Server Specifications

Platform		Hardware Specifications			
CPU		Memory	Hard Drive	HD Controller	NIC
Dell PowerEdge					
R900	2 x Intel X7460 Xeon, Six Cores, 2.67 GHz, 16 MB Cache, 1066 MHz FSB	32GB Memory, 16X2 GB, 667 MHz	300 GB 15K RPM Serial-Attach SCSI 3 Gbps 3.5-in Hot-plug Hard Drive		

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Platform Hardware Specifications					
Platform	CPU	Memory	Hard Drive	HD Controller	NIC
R730	1 x Intel Xeon E5-2650L v3 1.8 GHz, 30M Cache, 9.60 GT/s QPI, Turbo, HT, 12C/24T (65 W) Max Mem 2133MHz	6 x 8GB RDIMM, 2133MT/s, Dual Rank, x8 Data Width	2 x 1 TB 7.2K RPM NLSAS 6 Gbps 2.5in	PERC H730P Integrated RAID Controller, 2 GB Cache	Intel Ethernet i350 QP 1 Gb Network Daughter Card
R720	Intel Xeon E5-2603 1.80 GHz, 10M Cache, 6.4 GT/s QPI, No Turbo, 4C, 80 W, Max Mem 1066 MHz	2-16 GB Memory	500 GB 7.2K RPM SATA 3 Gbps 3.5in Hot-plug Hard Drive		
R710	2 x Intel Quad Core E5570 Xeon CPU, 2.93 GHz	24 GB Memory (6x4 GB), 1333 MHz, Dual Ranked U 1 DIMMs for 2 Processors	4 x 300 GB SAS 10000 RPM	PERC 6/i, Integrated Controller Card	Integrated 2 x Two Broadcom 5709C dual-port Gigabit Ethernet with TOE enabled
R710	2 x Intel 6-Core X5670 Xeon CPU, 2.93 GHz	24 GB Memory, 1333 MHz Dual Ranked RDIMM for 2 Processors	2 x 250 GB SATA 7.2k 3.5"	PERC 6/i, Integrated Controller Card	Integrated 2 x Two Broadcom 5709C dual-port Gigabit Ethernet with TOE enabled
R610	2 x Intel Quad Core E5506 Xeon CPU, (2.13 GHz)	8 GB Memory (4x2 GB), 1333 MHz, Dual Ranked U 1 DIMMs for 2 Processors	2 x 160 GB SAS 7200 RPM	PERC 6/i, Integrated Controller Card	Integrated 2 x Two Broadcom 5709C dual-port Gigabit Ethernet with TOE enabled
R430	Intel Xeon E5-2620 v3 2.00 GHz	16 GB Memory DUAL IN-LINE MEMORY MODULE, 16 GB, 2R	600G, SAS6, DU, 15K		
R420	Intel Xeon processor E5-2400 product family	Up to 384 GB (12 DIMM slots): 2 GB/4 GB/8 GB/16 GB/ 32 GB DDR3 up to 1600 MT/s	Up to 16 TB		
R410	Intel Quad Core E5504 Xeon CPU, (2.0 GHz)	4 GB Memory (4x1 GB), 1333MHz, Single Ranked U 1 DIMMs for 1 Processor	2 x 160 GB SATA 7200 RPM	SAS 6/iR Controller Card	Integrated Broadcom 5716 dual-port Gigabit Ethernet with TOE enabled
R300	Intel Quad Core Xeon Pro L5410 CPU (2.33 GHz)	4 GB Memory (2x2 GB) DDR-2 667 MHz ECC 2R	Western Digital 500 GB SAS	PERC 6/i, Integrated Controller Card	Integrated 2 x Two Broadcom 5722 dual-port Gigabit Ethernet
R220	Intel Celeron Processor G1820 (2M Cache, 2.70 GHz)	4 GB 1600 1RX8 DDR3L	1TB 7.2K 3.5" SATA Drive 6 Gbs		
R210 II	Intel Quad Core Xeon Processor E3-1220 (3.1 GHz)	8 GB	500 GB SATA 7200 RPM		
R200	Intel Quad Core Xeon X3360, 2.83 GHz, 2x6 MB Cache, 1333 MHz FSB	4 GB	2 x 250 GB 7.2K RPM SATA 3Gbps 3.5in Cabled	SATA/SAS Controller	Dual GB

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	CPU	Memory	Hard Drive	HD Controller	NIC
2950 Series II/III	Intel Quad Core Xeon X5355 (2.66 GHz) OR/Intel Quad Core Xeon X5460 (3.16 GHz)	8 GB	300GB 10K RPM Serial-Attach SCSI 3 Gbps 3.5-in HotPlug HardDrive (341-3032) OR/ 200 GB 15K BDM 500 GB 7.2K RPM Universal SATA 3Gbps 3.5-in HotPlug Hard Drive (341-4157)		
1950 Series II/III	Intel Dual Core Xeon 5160 (3.00 GHz) OR/Intel Quad Core Xeon E5410 (2.33 GHz)	8 GB			
1850 Series II	Intel Dual Xeon (3.0GHz)	2 GB	146 GB 10K RPM SCSI U320		
Hitachi					
BladeSymphony 1000	Intel Xeon E5430 2.66 GHz, 4 core, 2 socket - LPAR (Virtage) allocated CPU: vCPU 2core, occupied	16 GB RAM - LPAR (Virtage) allocated memory size for vMemory: 8192 MB, HDD: SAN Storage	Hitachi AMS2300 130 GB (RAID1) - HBA Driver : Integrated FC switch module (driver version - 4.5.12.736)		1 Gbps (100/1000)
HP Proliant					
DL 360 G9	Intel(R) Xeon(R) CPU E5-2620 v3 2.40GHz	4 x 16GB 2133 MHz	2 x 15K SAS 600 GB	HP Smart Array P440ar Controller	Broadcom Corporation NetXtreme BCM5719 Gigabit Ethernet PCIe
DL 360 G7	Intel Xeon X5650	24 GB	8 x HP 300 GB 6G 10K RPM SFF SAS (2.5")	HP Smart Array P410i controller	HP NC382i Dual Port Multifunction Gigabit Adapter
DL 360 G6	Intel Xeon E5540 / X5560 2.53 GHz / 2.8 GHz	6 GB /12 GB	HP 146 GB 3G SAS 10K SFF DP ENT HDD	HP Smart Array P410i/256 MB Controller	HP NC382i Dual Port Multifunction Gigabit Adapter
DL 380 G9	2 x Intel Xeon CPU E5-2690 v3 2.60 GHz	4 x DIMM DDR4 16384 MB	8 x 600 GB	HP Smart Array P440ar Controller	Intel(R) 10 Gigabit Network Connection
DL 380 G7	Intel Xeon X5650 2.55 GHz	10 GB	HP 146 GB SAS 10K Dual Port HDD	HP Smart Array P410i/1G FBWC	HP NC382i Dual Port Multifunction Gigabit Adapter
DL 380 G6	Intel Quad Core Xeon E5540 2.53 GHz	8 GB	HP 146 GB SAS 15K RPM (2.5)	HP Smart Array P410i	HP NC382i Dual Port Multifunction Gigabit Adapter
DL 380 G5	Intel Quad Core Xeon E5420 (2.50 GHz)	4 GB	2 x HP 146 GB SFF SAS 10K RPM (2.5")		

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Platform		Hardware Specifications			
	CPU	Memory	Hard Drive	HD Controller	NIC
DL 380 G5	Intel Dual Quad Core XEON E5345 2.33 GHz	4 GB	HP 300 GB DG300FARVV (2x RAID1) SAS RAID	HP Smart Array P400/512	1Gpbs HP (Broadcom) NetXtreme II BCM5708
DL 385 G2	AMD Dual Core Opteron 2220	2 GB	2 x HP 146 GB SFF SAS 10K RPM (2.5")		
DL 385 G6	AMD Opteron Six Core 2.4 GHz	8 GB	HP 72 GB 6G SAS 15K RPM (2.5)	HP Smart Array P410	HP NC382i Dual Port Multifunction Gigabit Adapter
BL 460 C Generation 1	Intel Xeon Quad E 5440 2.83 GHz Intel Xeon Dual core 2.66 GHz	4 GB	HP 2 x 72 GB	HP SmartArray E200i	10/100/1000 Mbps Broadcom NetXtreme II BCM 5708 S
DL388p Gen8	Intel® Xeon® E5-2600 product family 2.4 GHz	4 GB		HP Smart Array P420i/ZM (RAID 0/1/1+0)	1 Gb 331FLR Ethernet Adapter 4 Ports per controller or 10 Gb 530FLR- SFP+ Ethernet
DL380p Gen8	2 x Intel® Xeon® E5-2665 (8 core, 2.4 GHz, 20MB, 115W)	32 GB (4x8 GB) RDIMM		Smart Array P420i/2 GB FBWC	10 Gb 530FLR- SFP+ Ethernet Adapter 2 Ports per controller
IBM					
Systems x3550	Systems x3550	Systems x3550	Systems x3550	Systems x3550	Systems x3550
Systems x3550 M5	Systems x3550 M5	Systems x3550 M5	Systems x3550 M5	Systems x3550 M5	Systems x3550 M5
NEC					
Express5800 R120a-1	Intel Xeon 5550 2.66 GHz 4 core processor	16 GB DDR3 DIMM		SATA/SAS Controller	2x 1000BASE-T + 1x 100BASE-TX (Management Port)
Express5800 R120RH-1	Intel Xeon processor E5420 (2.50 GHz/1333 MHz FSB/2 x 6M L2 Cache)	48 GB (12 x 4 GB) Maximum	3.5" SAS: 1.35 TB (3 x 450 GB) / 3.5" SATA: 3 TB (3 x 1TB) / 2.5" SAS: 879 GB (6 x 146.5 GB) Maximum		
Resilience					
ATL 1012	Intel Core 2 DUO E8400 3 GHz	4 GB	Western Digital 250 GB SATA WD2500	Intel PXE 2.1 v1.3	10/100/1000 Mbps Intel
Sun					

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Platform		Hardware Specifications			
	CPU	Memory	Hard Drive	HD Controller	NIC
Sunfire X4450	4 Quad Core Intel Xeon L7345, 1.86 GHz, 1066 MHz FSB	8 GB (8 x 1 GB DIMMs) Fully Buffered ECC	1168 GB (8 x 146 GB) 10K RPM SAS Disks		
SuperMicro					
Superserver 1026T	2 Intel Nehalem E5520 2.26GHz	8 GB	2 x 500 GB	8-port PCI-E SAS	Intel Dual Port
Superserver 5016T	1 Intel Nehalem E5520 2.26GHz	4 GB	1 x 500 GB	SATA 3Gbps	Intel Dual Port

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Specialty Server Platform Matrix

Platform		Trend Micro Solution					
Version Build		IWSVA			IMSVa		ARM
		6.5	6.0	5.6	8.x	7.x	1.6
		1200	1214	1364	1304	1170	1068
NEC							
Express5800 R320a-M4 (VMware Model with vSphere 4)		✓	✓	✓	✓	✓	✓
Express5800 R320a-E4 (VMware Model with vSphere 4)		✓	✓	✓	✓	✓	✓

Specialty Server Specifications

	CPU	Memory	Hard Drive	HD Controller	NIC
NEC					
R320a-E4 (VMware Model with vSphere 4)	2 x Intel Xeon E5504 2.0 GHz 4 core processor	12G DDR3-1066 DIMM with ECC	3.5" SAS (2 x 73 GB)		2x 1000BASE-T + 1x 100BASE-TX (Management Port)
R320a-M4 (VMware Model with vSphere 4)	2 x Intel Xeon X5570 2.93 GHz 4 core processor	16G DDR3-1066 DIMM with ECC	3.5" SAS (4 x 73 GB)		2x 1000BASE-T + 1x 100BASE-TX (Management Port)

Failover Network Card Matrix

Product	Failover NIC Card Model
IWSVA v5.6+	Silicom PXG2BPFIL-SD (Dual Port Fiber (SX) Gigabit PCI-X)
IWSVA v5.6+	Silicom PXG2BPI-SD (Dual Port Copper Gigabit PCI-X)
IWSVA v5.6+	Silicom PEG2BPFID (Dual Port Fiber (SX) Gigabit PCI-Express)
IWSVA v5.6+	Silicom PEG2BPI (Dual Port Copper Gigabit Ethernet PCI-Express)
IWSVA v5.6+	Silicom PE2G4BPI35-SD-OU-ROHS (Quad Port Copper Gigabit Ethernet PCI-Express Gen-2)
IWSVA v5.6+	Silicom PEG2BPI6-SD-OU-ROHS (Dual Port Copper Gigabit Ethernet PCI-Express)
IWSVA v5.6+	Silicom PEG2BPFI6-SD-OU-ROHS (Dual Port Fiber PCI-Express)
IWSVA v5.6+	Silicom PEG2BPFI6-LX-SD-OU-ROHS (Dual Port Fiber (LX) PCI-Express)
IWSVA v6.5+	Silicom PE2G4BP135A-SD (Quad Port Copper Gigabit Ethernet PCI-Express)