

# Tripwire IP360 Hardware Appliances

## Tripwire Device Profiler and Tripwire VnE Manager Technical Specifications

### Tripwire Device Profiler

Tripwire Device Profiler is a vulnerability scan engine appliance that can discover and profile every IP-enabled device on the customer's network to determine the applications, services, operating systems, protocols, and vulnerabilities that may put an asset at risk. Tripwire Device Profiler executes vulnerability scans and passes the scan data via SSL encryption to Tripwire VnE Manager for storage and analysis.

Tripwire Device Profiler is hardened (extremely secure) and rugged (industrial grade 1RU chassis with flash-based storage). The operating system image is extremely small and updates to Tripwire Device Profiler are managed through the Tripwire VnE Manager, which means extremely low maintenance and simple configuration for the customer.

### Tripwire Vulnerability and Exposure Manager

Tripwire Vulnerability and Exposure (VnE) Manager is a vulnerability management central console that provides a one-to-many relationship with Tripwire Device Profilers—Tripwire VnE Manager is able to control, upgrade, and collect scan data from them. Tripwire VnE Manager also allows the customer to access stored scan data, perform analysis and trending of the scan data, and create a variety of reports.

Tripwire VnE Manager consists of a hardened industrial-grade server, which utilizes a high performance processor architecture incorporating Intel Xeon processors and RAID-based hard disk storage.

Tripwire VnE Manager uses an industrial strength PostgreSQL database for the storage and retrieval of data and also runs Apache server software that allows the it to be controlled through a web-based user interface. This allows multiple users (with highly granular role-based access control) to access a single Tripwire VnE Manager to simultaneously execute scans, run reports, and conduct scan data analysis.

## Technical Specifications — Tripwire Device Profiler

Type	Tripwire Device Profiler 7000
<b>Server Components</b>	
Processors	1 Quad-Core Xeon 3.6GHz E-2144G (8M Cache, 8 Threads, 8 GT/s)
Memory	16GB 2666MT/s DDR4 ECC
Storage	SSD (External, cold-swappable)
Additional	DVD Drive
<b>POWER</b>	
Power Supply	Redundant (2x), hot-pluggable 350W
Power Consumption	Max 4/2Aa at 120/240VAC
<b>INPUT</b>	
Line voltage range	100–240VAC 50/60Hz
Current	1.1a @ 120VAC
<b>Output</b>	
Steady state	125W
<b>Heat Output</b>	
BTU/hr.	425.5 BTU/hr.
<b>Dimensions</b>	
Rack Height	1U
Appliance	59.5 cm (length) x 43.4 cm (width) x 4.26 cm (height)
Shipping Carton	91.4 cm (length) x 58.4 cm (width) x 24.1 cm (height)
Shipping Weight	18.3 kg
<b>Weight</b>	
Appliance	9.75 kg
<b>Interfaces</b>	
Graphics	VGA
Ethernet	4x 1Gb
Disks	SATA
Console	DB9 Serial RS-232
<b>Environmental Operating Ranges</b>	
Operating Temperature	50–95°F, 10–35°C
Rate of Change	Less than 10°C/hour
Relative Humidity	Non-Operating — 5–95%, non-condensing @ 33°C
Acoustic Noise	5.0 BA in an idle state at typical office ambient temperature. (25 +/- 2°C)
<b>MTBCF</b>	
Hours	191500 @ 35°C
<b>Other</b>	
	RoHS 2002/95/EC Compliant

## Technical Specifications — Tripwire VnE Manager

Type	Tripwire VnE Manager 1800	Tripwire VnE Manager 5800
<b>Server Components</b>		
Processors	1 Octa-Core Xeon 2.1GHz (3.0GHz Max) Intel Xeon Silver 4110 Processor (11M Cache, 16 Threads, 9.6GT/s)	2 Octa-Core Xeon 2.1GHz (3.0GHz Max) Intel Xeon Silver 4110 Processor (22M Cache, 32 Threads, 9.6GT/s)
Memory	32GB DDR4 (8x 16GB DIMMs) 2666MT/s DDR4 ECC	128GB DDR4 (8x 16GB DIMMs) 2666MT/s DDR4 ECC
Storage	2x 1TB SATA (RAID-1) + 1x 120GB SSD (internal)	4x 1TB SATA (RAID-10) + 1x 120GB SSD (internal)
Additional	DVD Drive, Embedded SD flash storage	DVD Drive, Embedded SD flash storage
<b>POWER</b>		
Power Supply	User Replaceable 495W	Redundant (2x), hot-pluggable 495W
Power Consumption	Max 6.5/3A at 120/240VAC	Max 6.5/3A at 120/240VAC
<b>INPUT</b>		
Line voltage range	100–127VAC or 200–240VAC 50/60Hz	100–240VAC 50/60Hz
Current	1.4A	2.4A
<b>Output</b>		
Steady state	152w	268w
<b>Heat Output</b>		
BTU/hr.	518.6 BTU/hr.	914.5 BTU/hr.
<b>Dimensions</b>		
Rack Height	1U	1U
Appliance	77.2cm (length) x 43.4cm (width) x 4.3cm (height)	77.2cm (length) x 43.4cm (width) x 4.3cm (height)
Shipping Carton	101cm (length) x 64.1cm (width) x 30.5cm (height)	101cm (length) x 64.1cm (width) x 30.5cm (height)
Shipping Weight	24.6 kg	27 kg
<b>Weight</b>		
Appliance	13.3 kg	15.5 kg
<b>Interfaces</b>		
Graphics	VGA	VGA
Ethernet	2x 10Gb, 2x 1Gb	2x 10Gb, 2x 1Gb
Disks	SATA	SATA
Console	DB9 Serial RS-232	DB9 Serial RS-232
<b>Environmental Operating Ranges</b>		
Operating Temperature	50–95°F, 10–35°C	50–95°F, 10–35°C
Rate of Change	20°C/hour	20°C/hour
Relative Humidity	Non-Operating — 90%, non-condensing @ 33°C	Non-Operating — 5–90%, non-condensing @ 33°C
Acoustic Noise	5.57.0 BA in an idle state at typical office ambient temperature. (23 +/- 2°C)	6.67.0 BA in an idle state at typical office ambient temperature. (23 +/- 2°C)
<b>MTBCF</b>		
Hours	132,000 @ 35°C	124,000 @ 35°C
<b>Other</b>		
	RoHS 2011/65/EU Compliant	RoHS 2011/65/EU Compliant

“ We have used the product for 10+ years and no other security scanning vendor can scale to our needs.

— Project Manager, Large Enterprise Insurance Company

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