



**Threat Emulation
Private Cloud Appliances**
Stop new and unknown threats

Threat Emulation Private Cloud Appliances

YOUR CHALLENGE

With the increase in sophistication of cyber threats, many targeted attacks begin with exploiting software vulnerabilities in downloaded files and email attachments.

These threats include new exploits, or even variants of known exploits unleashed almost daily with no existing signatures and therefore no standard solutions to detect those variants. New and undiscovered threats require new solutions that go beyond signatures of known threats.

OUR SOLUTION

ThreatCloud Emulation prevents infections from undiscovered exploits, zero-day and targeted attacks. This innovative solution quickly inspects files and runs them in a virtual sandbox to discover malicious behavior. Discovered malware is prevented from entering the network. Check Point ThreatCloud Emulation reports to the ThreatCloud™ service and automatically shares the newly identified threat information with other Check Point customers.

Traditional solutions have focused on detection, providing notifications after a threat has breached the network. With Check Point ThreatCloud Emulation, new threats are blocked and infection does not occur.

PRIVATE CLOUD EMULATION APPLIANCES

Customers may choose the ThreatCloud Emulation Service or, if they prefer to not use cloud applications due to regulatory or privacy concerns, two appliance options are available to choose from, with overall performance supporting organizations up to 3,000 users on the TE250 Appliance and above 3,000 users on the TE1000 Appliance.

FEATURES

- Identify new malware hidden in Adobe PDF, Microsoft Office, executable and archive files
- Protection against attacks targeting multiple Windows OS environments
- Supported topologies: Private Emulation cloud for an existing Gateway, Inline, Message Transfer Agent (MTA), Mirror/TAP
- Recommended for 1M file-scans per month (performance varies)

BENEFITS

- Prevent new and unknown attacks in business documents and executable* files
- Reduces costs by leveraging existing security infrastructure
- Maximize protection through unified management, monitoring and reporting
- Zero false-positives means you can secure the network without stopping the flow of business
- Increase security with automatic sharing of new attack information with ThreatCloud

PRIVATE CLOUD APPLIANCES

	TE250	TE1000
Recommended files/month	250,000	1,000,000
Recommended users	3,000	3,000+

EMULATION SPECIFICATIONS

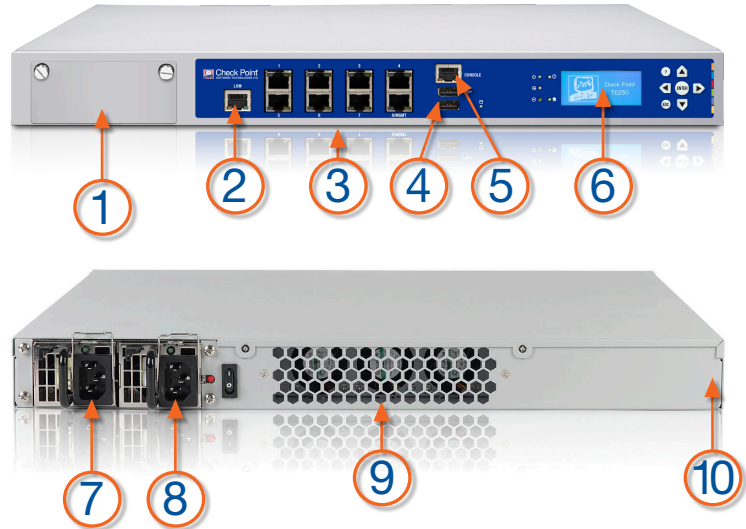
Supported Files for Inspection	Adobe PDF; Microsoft Office, EXE, files in archives
Supported Emulation Environments	Microsoft Windows XP, 7; Microsoft Office; Adobe Reader



TE250 PRIVATE CLOUD APPLIANCE

TE250

- ① One network card expansion slot
- ② Lights Out Management card
- ③ 8 x 10/100/1000Base-T RJ45 ports
- ④ Two USB ports for ISO installation
- ⑤ Console port RJ45
- ⑥ Graphic LCD display for management IP address and image management
- ⑦ One AC power supply
- ⑧ Second redundant hot-swappable AC power supply (optional)
- ⑨ 8GB RAM
- ⑩ Slide rails



TE1000 PRIVATE CLOUD APPLIANCE

TE1000

- ① Graphic LCD display for management IP address and image management
- ② Two USB ports for ISO installation
- ③ Console port RJ45
- ④ Management port 10/100/1000Base-T RJ45
- ⑤ Sync port 10/100/1000Base-T RJ45
- ⑥ Lights Out Management card
- ⑦ Two hot-swappable 500GB RAID-1 hard drives
- ⑧ Three network card expansion slots (default one 8 x 10/100/1000Base-T port card & one 4 x 10/100/1000Base-T port card)
- ⑨ 24 GB RAM
- ⑩ Two redundant hot-swappable AC power supplies
- ⑪ Slide rails



TECHNICAL SPECIFICATIONS

	TE250	TE1000
Performance		
Recommended Users	Up to 3,000	3,000+
Throughput (Mbps)	691	2,032
Number of Virtual Machines	8	28
Hardware		
Storage	1 x 250 GB	2 x 500 GB
Memory	8 GB	24 GB
LOM	Included	Included
Slide Rails (22" to 32")	Included	Included
Network		
10/100/1000Base-T RJ45 interfaces	8	14
1000Base-F SFP interfaces max	4	12
10GBase-F SFP+ interfaces max	2	12
Expansion Slots	1	3
Dimensions		
Enclosure	1U	2U
Metric (W x D x H)	438 x 410 x 44 mm	438 x 562 x 88 mm
Standard (W x D x H)	17.25 x 16.14 x 1.73 in.	17.24 x 22.13 x 3.46 in.
Weight	7.6 kg (16.76 lbs.)	23.4 kg (51.6 lbs.)
Environment		
Operating	32°F ~ 104°F / 0°C ~ 40°C (20~90%, non-condensing)	32° to 104°F / 0° to 40° (20%-90% non-condensing)
Storage	-4° to 158°F / -20° to 70° (5% - 95% @ 60°C (non-condensing))	-4° to 158°F / -20° to 70°C (5% to 95% @60°C)
Power		
Dual, Hot-Swappable	Included	Included
AC Input	100-240V	100-240V
Frequency	47-63 Hz	47-63 Hz
Single Power Supply Rating	275W	400W
Power Consumption Maximum	140W	220W
Maximum Thermal Output	425.6 BTU	750.6 BTU
Certifications		
Safety	CB, UL/cUL, CSA, TUV, NOM, CCC, IRAM, PCT/GoS	
Emissions	FCC, CE, VCCI, C-Tick, CCC, ANATEL, KCC	
Environment	RoHS	



SOFTWARE PACKAGE SPECIFICATIONS

Base Packages ¹	SKU
TE250 Private Cloud Appliance with 1 year Threat Emulation and Antivirus annual service (includes Microsoft Windows and Office license for 1 Virtual Machine)	CPAP-TE250-1VM
TE250 Private Cloud Appliance with 1 year Threat Emulation and Antivirus annual service (includes Microsoft Windows and Office license for 8 Virtual Machines)	CPAP-TE250-8VM
TE1000 Private Cloud Appliance with 1 year Threat Emulation and Antivirus annual service (includes Microsoft Windows and Office license for 1 Virtual Machine)	CPAP-TE1000-1VM
TE1000 Private Cloud Appliance with 1 year Threat Emulation and Antivirus annual service (includes Microsoft Windows and Office license for 28 Virtual Machines)	CPAP-TE1000-28VM
Software Blade Packages ¹	SKU
Threat Emulation & Antivirus annual service for the TE250 Appliance	CPSB-TE-250-1Y
Threat Emulation & Antivirus annual service for the TE1000 Appliance	CPSB-TE-1000-1Y

¹Two and three year SKUs are available. See the online Product Catalog.

ACCESSORIES

Interface Cards and Transceivers	SKU
4 Port 10/100/100 Base-T RJ45 interface card	CPAC-4-1C
8 Port 10/100/100 Base-T RJ45 interface card	CPAC-8-1C
4 Port 1000Base-F SFP interface card; requires additional 1000Base SFP transceiver modules per interface port	CPAC-4-1F
SFP transceiver for 1000Base-T RJ45 (copper)	CPAC-TR-1T
SFP transceiver module for 1G fiber ports—long range (1000Base-LX)	CPAC-TR-1LX
SFP transceiver module for 1G fiber ports—short range (1000Base-SX)	CPAC-TR-1SX
2 Port 10GBase-F SFP+ interface card; requires an additional 10GBase SFP+ transceiver per interface port	CPAC-2-10F
4 Port 10GBase-F SFP+ interface card; requires an additional 10GBase SFP+ transceiver per interface port	CPAC-4-10F
SFP+ transceiver module for 10G fiber ports—long range (10GBase-LR)	CPAC-TR-10LR
SFP+ transceiver module for 10G fiber ports—short range (10GBase-SR)	CPAC-TR-10SR
Spares and Miscellaneous	
Slide RAILS for Private Cloud Appliances (22"-32")	CPAC-RAILS
Extended Slide Rails for Private Cloud Appliances (26"-36")	CPAC-RAILS-EXT
Additional/replacement AC Power Supply for TE250 appliance	CPAC-PSU-TE250
Replacement parts kit (including 1 Hard Disk Drive, and one Power Supply) for TE1000 appliance	CPAC-SPARES-TE1000
Replacement 500G Hard Disk Drive for TE1000 Appliance	CPAC-HDD-500G
Replacement AC Power Supply for TE1000 appliance	CPAC-PSU-TE1000

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