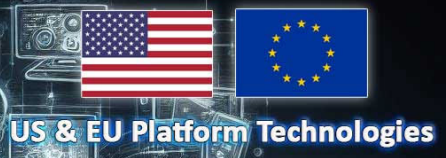


NEXT-GENERATION FIREWALL (NGFW) High-end Security with Powerful Protection



More than 200,000 Popular Firewall/Intrusion Prevention/Detection Rules



ITS-2000RF



With firewall throughput of up to 38 Gbps and UTM throughput up to 3 Gbps, the ITS-2000RF is a powerful protection security appliance. This level of performance, paired with powerful security, flexible high-port density, and affordability makes these the ideal solutions. Protect your business network and secure your connections from the stateful inspection firewall to the inline intrusion detection & prevention system everything is included for free.

Technical specification

Model	ITS-2000RF
Capacity utilization	
Scales	Core router: support 1,000 devices Firewall: support 400 devices IDS/IPS: support 120 devices VPN: support 120 devices
Platform	
OS and Integrated Applications (Open Souce)	FreeBSD/OPNsense Suricata/freeRADIUS/ClamAV
Security definition rule sets (Rely on CVE & Community updates)	Proofpoint/CrowSec/ITServing
Customized, Preinstalled Software, Optimizing Default Configuration	ITServing®
License	All free (Licensed under and OSI Approved License)
Additional Support Options (yearly)	
ITSS Standard (yearly)	Standard support (1 year included)
ITSS Ultra Plus (yearly)	Monitor/ System upgrade & maintenace
Physical interfaces	
Default RJ45 Ports 1Gb	6
Standard expansion slots	Options for 1 expansion slots: 4SFP, 4RJ45, 2SFP2RJ45, 4SFP4RJ45, 8SFP, 8RJ45, 2SFP+
RJ45 Ports 1Gb	8
RJ45 Ports 10Gb	-
SFP Ports 1Gb	4
SFP+ Ports 10Gb	2
QSFP+ Ports 40Gb	-
USB 2.0 Ports	-
USB 3.0 Ports	2
VGA Port	1
HDMI Port	-
Console Port	1
IPMI port (default OFF)	-
Hardware Specifications	
CPU	Intel Xeon® E3
Cores	4 cores 4 threads (3.00GHz up to 3.50GHz)
Memory	32GB DDR4
Internal Storage (SSD)	2 x 250GB RAID1
Virtual Interfaces (802.1q VLANS)	4093
System performance	
Firewall Throughput	38 Gbps
Firewall Packets Per Second	3,166 Kpps
Concurrent connections	14,000,000
New Connections Per Second	150,000
NGFW Throughput	18 Gbps
IPS Throughput	6 Gbps
Threat Protection Throughput	3 Gbps
Threat Protection Throughput Packet Per Second	250 Kpps
Firewall Policies	> 10,000
IPS Policies	> 200,000

IPsec VPN Throughput	18 Gbps
IPsec VPN Packet Per Second (AES256GCM16)	1,500 Kpps
High Availability with State Synchronisation	Yes (requires Two)
Environment	
Power Adapter (included)	-
Power Supply (AC TO DC, 100~240V)	1
Power Consumption	220W
Chassis	Stainless Steel
Heat Dissipation	3 x Fan
Operating Temperature	5°C to 40°C (15°C to 30°C recommended)
Storage Temperature	0°C to 60°C (10°C to 50°C recommended)
Humidity	5%-90% non-condensing
Dimensions	
Height x Width x Length (mm)	44 x 438 x 371
Height x Width x Length (inch)	1.7 x 17.2 x 14.6
Form Factor	1U Rackmount
Weight (Kg)	6
Regulatory Compliance	
Regulatory	FCC, CE, Rohs
Hardware Warranty	
ITSW Standard	12 months (1 year included)
ITSW Ultra Plus	48 months

All measurements are based upon TCP traffic unless stated otherwise. Total Firewall Throughput is calculated based on maximum PPS and standard 1500 byte packets. Maximum PPS is measured using 500 byte packets. IPS performance is measured using ET Open and standard 1500 byte package size (using Suricata version 6.0.12 / Netmap version 14) SSL VPN is measured using AES256GCM16+SHA512. Concurrent sessions are based upon memory available, where one state consumes 1KB of memory and 1GB of memory is reserved for system tasks.