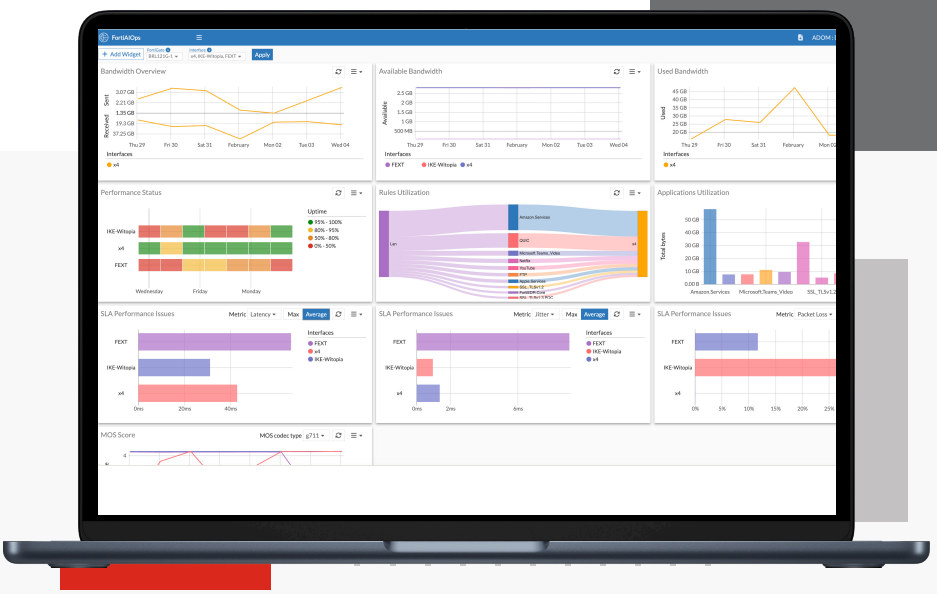
FortiAIOps



Highlights

- **Extensive Visibility**: Monitoring and reporting of WLAN, LAN, SD-WAN, and 5G/LTE Gateway
- **AI-Powered Insights**: Correlate events and data from across the deployment to quickly identify issues
- **Data Sovereignty**: Sensitive data and AI processing stays within your private data center
- **Robust Troubleshooting Tools**: Built-in tools to validate your deployment at any network level
- **Reduced Trouble Tickets**: Identify and correct issues before they start impacting users
- **Lower TCO**: Reduce the Mean Time to Resolution

FortiAI-powered and automation-driven Network Operations

FortiAIOps simplifies LAN and WAN network management and leverages artificial intelligence with machine learning for enhanced network operations.

FortiAIOps delivers a simple and easy means to manage a Fortinet networking stack (FortiAP, FortiSwitch, FortiGate, and FortiExtender). Network monitoring functionality gives visibility and in-depth understanding at your fingertips. From Layer 1 diagnostic information to Layer 7 application visibility, FortiAIOps covers Wi-Fi, Ethernet, SD-W AN, and 5G/LTE Gateway. Built-in troubleshooting tools enable active testing of network components to find faults and verify functionality.

The built-in Artificial Intelligence engine uses machine learning to catch issues, solve problems, and prevent network degradation. Artificial Intelligence can systematically consume the extensive amount of data being produced throughout the Security Fabric, correlate it, and analyze the results with Machine Learning so that you don't have to.

FortiAIOps is available as a virtual machine. In all deployment scenarios it works natively with Fortinet NOC and SOC tools to unify and simplify the way you manage the Fortinet Security Fabric.

Available in

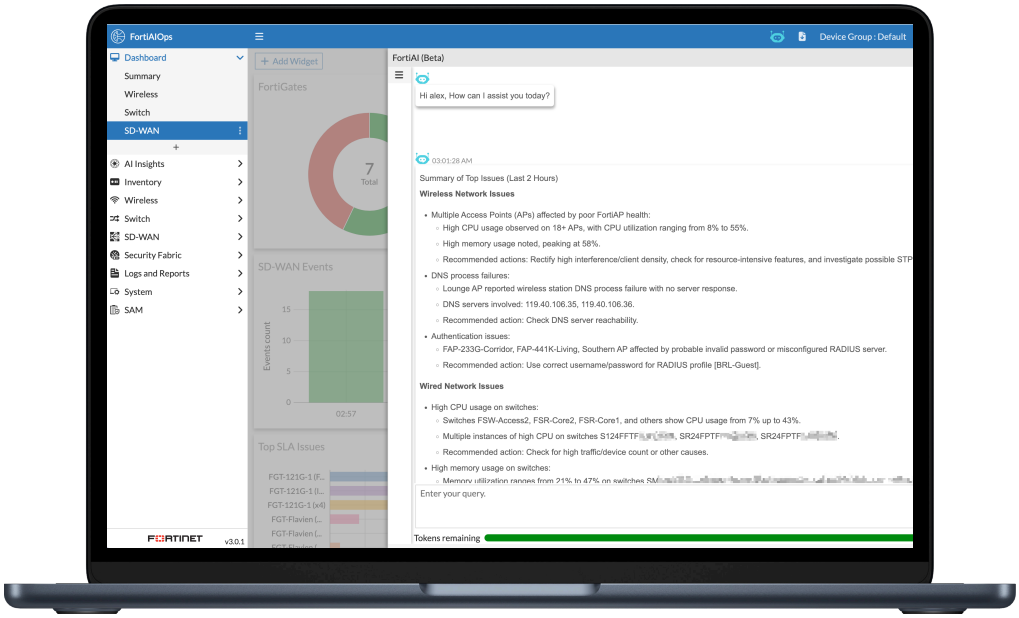
Appliance

Virtual

BYOL using public cloud providers

AI Insights with Machine Learning

The AI Engine combs through all your data and pulls out key items that need attention, giving you drill down focus on problems and easy solutions to complex issues. Machine Learning can determine what's normal for your network and your traffic, then keep that performance across time.



FortiAI

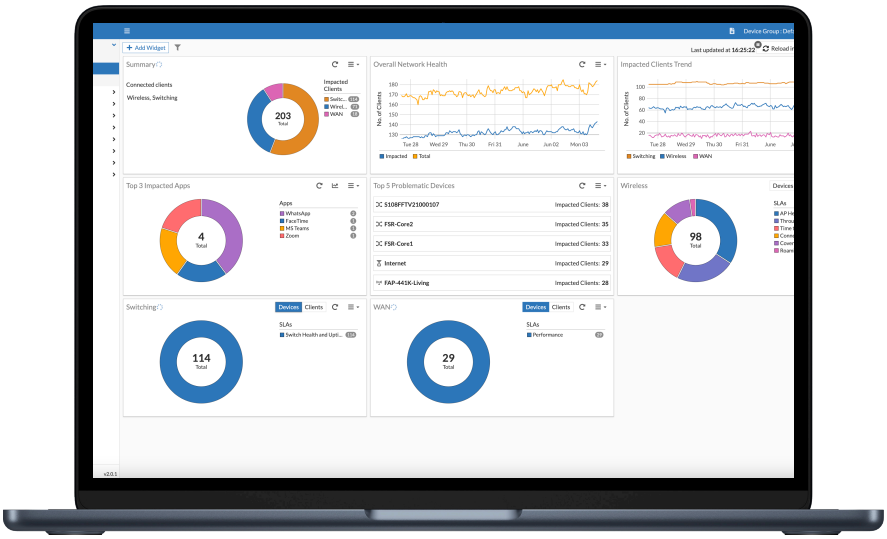
FortiAI is Fortinet's embedded artificial intelligence framework, integrated across the Security Fabric to defend against emerging threats, automate operations, and secure AI adoption. It spans three categories—FortiAI-Protect, FortiAI-Assist, and FortiAI-SecureAI.

Within this framework, FortiAI-Assist brings generative AI and advanced reasoning to simplify network operations. FortiAIOps leverages these Assist capabilities through a conversational, GenAI-powered interface for troubleshooting. Admins can ask natural-language questions—such as identifying roaming issues, diagnosing throughput problems, or checking SSID and network health—and instantly receive context-rich answers with likely causes and recommended remedies. By embedding FortiAI-Assist, FortiAIOps accelerates troubleshooting, reduces noise, and improves overall operational efficiency.

FortiAIOps leverages the same logs that FortiAnalyzer is already collecting, meaning there is no additional overhead on your network to add Artificial Intelligence to the Security Fabric. This activity is another benefit of a combined platform approach to Security-Driven Networking.

Monitor Desired Service Levels

Use trending information and configured SLAs determine the good or bad health of your network.

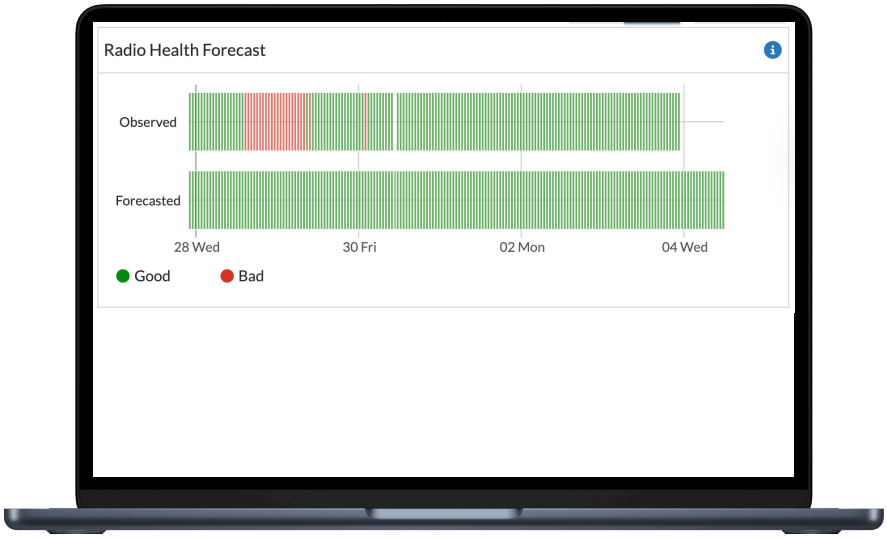


AI-Driven ARRP

AI-Driven ARRP automates and optimizes the management and distribution of wireless channels across all Access Points (APs) monitored by FortiAIOps. The AI engine makes precise channel decisions by leveraging historical telemetry and deep insights gathered by FortiAIOps.

Forecasting

AI/ML driven forecasting predicts SD WAN performance—latency, jitter, and packet loss—based on learned baselines, identifying deviations before users are impacted. Built in insights highlight trending issues and upcoming performance risks. For WLAN, RF level forecasting anticipates radio issues and optimizes channels through AI ARRP, enabling proactive and seamless network optimization.

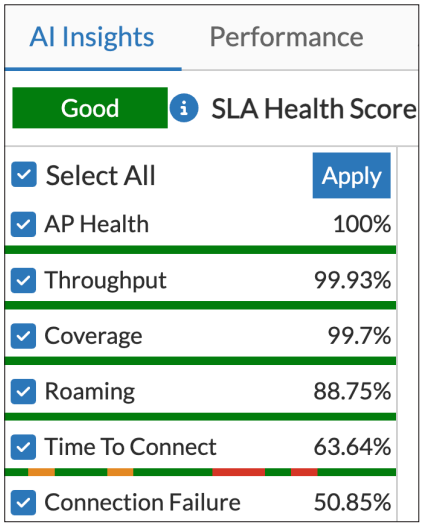


Dynamic Baselining

FortiAIOps analyzes recent telemetry to establish adaptive SLA thresholds for SD WAN and LAN metrics, dynamically updating baselines for latency, jitter, packet loss, and wired and wireless performance to identify meaningful deviations from normal behavior.

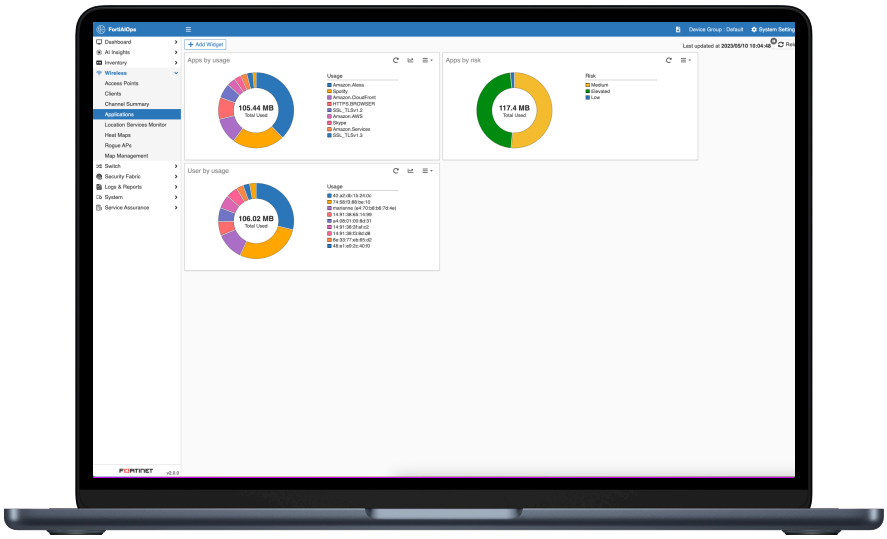
Health Score

A Health Score is derived for each individual device based on all SLAs that have been triggered to ensure an accurate representation of overall system health. The Health Score is then classified as Good, Fair, or Bad to allow for an instant visual representation of the state of a particular device.



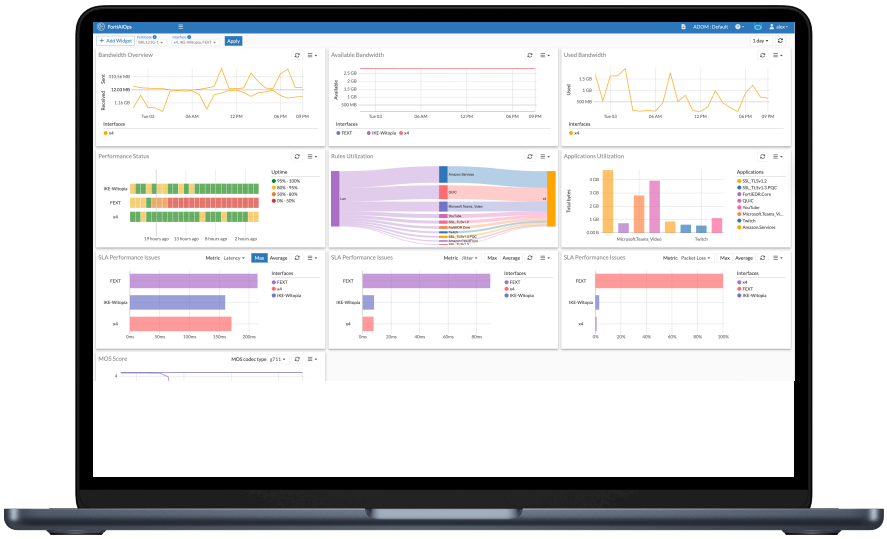
Application Monitoring

Get insights into what people are doing on your network with the FortiAIOps DPI Application Monitoring feature. All detected or blocked applications will be listed with trend views available.



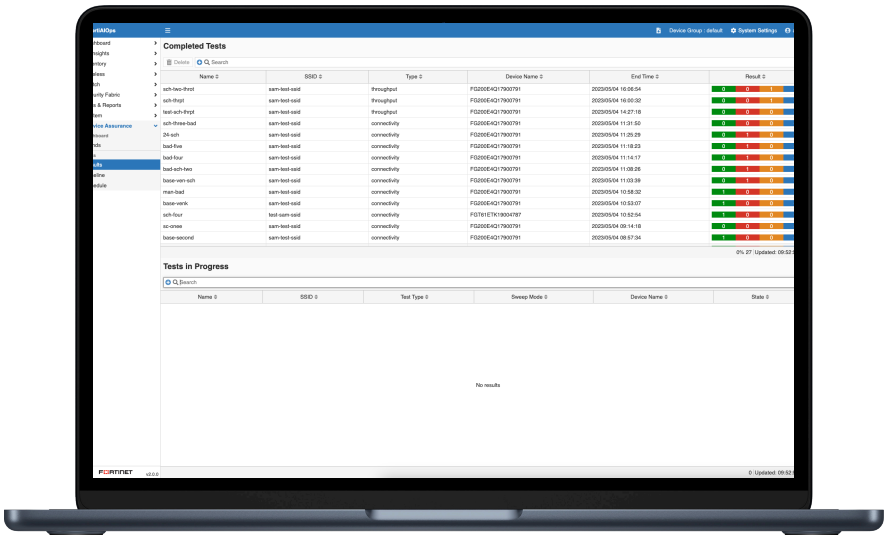
SD-WAN

Key functions include AI driven predictive modeling and deviation analysis to model and baseline normal network behavior across defined SLAs. Through dynamic baseline modeling, FortiAIOps enables accurate performance forecasting and proactive anomaly detection, helping identify meaningful deviations early and maintain consistent, high quality network performance.



Wireless Assurance

Validate the network from the RF side by using an AP as a client to attach to the network and verify all networking services are behaving as expected.



Troubleshooting

FortiAIOps streamlines troubleshooting with intelligent issue triage, recommended remediation, and automated packet capture analysis. Built-in testing and service assurance tools validate SLA performance across wired and wireless networks, with deep visibility down to the port and RF level.

Triage of Issues

With the tools available within, you can quickly get remediation suggestions for detected network issues. But if you want to dive in further, FortiAIOps will take you directly to the information you're interested in and let you dive as deep as you want into logged information about the device.

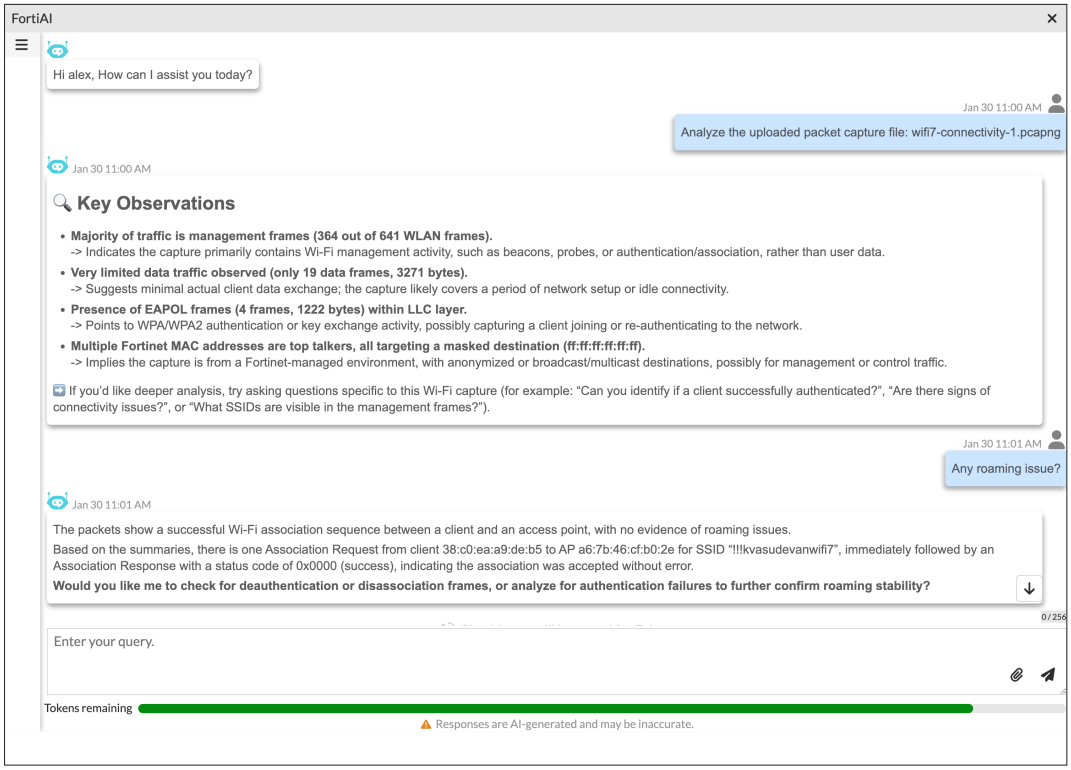
Recommended Remediation

FortiAIOps offer recommendations to resolve issues across the LAN and SD-WAN network. This service includes configuration changes and actions such as Cable Test which can verify the performance of your wiring infrastructure.

Issue Diagnostics	
Issue Cause	• Manual configuration of speed settings that do not match on port13. • Speed negotiation issues can occur due to incorrect settings or hardware limitations. • Negotiated Speed: 100 • Configured Speed: • Duplex Mode: full • Maximum Link Speed: 5000
Remedy	• Run cable tests to check the integrity of the cables and replace the cable if results are not OK. Run cable test • Ensure that both the switch port and the connected device have the same speed and duplex settings, either through auto-negotiation or manual configuration. Run cable test • Make sure both devices have the same capabilities by aligning configuration settings

Automated Packet Capture Analysis

FortiAIOps can obtain packet capture data from remote devices and perform AI assisted analysis, providing insight into the health of the network and aiding in network optimization.



Spectrum Analyzer

Detect, classify, and manage wireless interference. Spectrum Manager gathers interference data from a network of dedicated sensors. It can also gather data from the APs which can dedicate one of its radios to act as a sensor.

Specifications

FORTIAIOPS APPLIANCES**	FAO-100G	FAO-500G	FAO-2000G
Performance* in Combined mode (shipped/maximum)			
FortiGates	0 / 30	0 / 1000	0 / 5000
FortiSwitch	0 / 90	0 / 3000	0 / 15000
FortiExtender	0 / 30	0 / 1000	0 / 5000
FortiAP	0 / 180	0 / 6000	0 / 30 000
Stations	0 / 3 000	0 / 25 000	0 / 100 000
Options			
FortiAIOps Monitoring Subscription	FCX-10-AOIHR-673-01-DD	FCX-10-AOIHR-673-01-DD	FCX-10-AOIHR-673-01-DD
FortiAIOps Monitoring and AI Insights Subscription Bundle	FCX-10-AOIHR-1087-01-DD	FCX-10-AOIHR-1087-01-DD	FCX-10-AOIHR-1087-01-DD
FortiAIOps SD-WAN Subscription	FCX-10-AOIHR-675-01-DD	FCX-10-AOIHR-675-01-DD	FCX-10-AOIHR-675-01-DD
Hardware Specifications			
Form Factor (supports EIA/non- EIA standards)	1 RU Rackmount	2 RU Rackmount	2 RU Rackmount
Total Interfaces	4× 2.5GE RJ45	4× 1GE RJ45 + 2× 10GE SFP+	1× 1GBE RJ45 +2× 10GBE RJ45 +2× 25GBE SFP28
Console	RJ45 console	DB9 serial console	RJ45 console
USB Ports	2x USB 3.0 ports	2x USB 3.0 ports	2x USB 3.0 ports
Storage Capacity (Max)	1× 3.84TB M.2 SDD	4× 2.5 in. hot-swappable 2TB SDD | 8x 3.5 in. hot-swappable 4TB SAS HDD	4× 2.5 in. hot-swappable 7.68TB SDD | 8× 3.5 in. hot-swappable 16TB SAS HDD
Storage Capacity (shipped)	1× 3.84TB M.2 SDD	2× 2.5 in. hot-swappable 2TB SDD | 4x 3.5 in. hot-swappable 4TB SAS HDD	4× 2.5 in. hot-swappable 7.68TB SDD | 8× 3.5 in. hot-swappable 16TB SAS HDD
Usable Storage Before RAID (Shipped / Max)	3.84TB	Hot/SSD = ~3.84 / 7.68 TB Warm/HDD = ~16 / 32 TB	Hot/SSD = 30.72 TB Warm/HDD = 128 TB
Removable Hard Drives	—	✓	✓
RAID Levels Supported	—	RAID 0/1/5/10	RAID 0/1/5/10/50
RAID Type	—	Hardware / Hot Swappable	Hardware / Hot Swappable
Default RAID Level	—	Hot/SSD : RAID 1 | Warm/HDD : RAID 5	Hot/SSD : RAID 5 | Warm/HDD : RAID 50
Redundant Hot Swap Power Supplies	—	✓	✓
Trusted Platform Module (TPM)	✓	✓	✓
Dimensions			
Height x Width x Length (inches)	1.73 × 17.24 × 16.54	3.46 × 17.32 × 29.33	3.47 × 17.24 × 27.17
Height x Width x Length (mm)	44 × 438 × 420	88 × 440 × 745	88.2 × 438 × 690
Weight	12.1 lbs (5.47 kg)	50.2 lbs (22.8 kg)	66.4 lbs (30.1 kg)
Environment			
AC Power Supply	100-240Vac, 50~60Hz, 6A max	100-240Vac, 50~60Hz, 7A max	100-240Vac, 50~60Hz, 12A max
Power Consumption (Average/ Max)	98.5 W / 123 W	580 W / 705 W	NA / 976 W
Heat Dissipation	419.8 BTU/h (Max.)	2404 BTU/h (Max.)	4275 BTU/h (Max.)
Operating Temperature	32°F to 104° F (0°C to 40° C)	32°F to 104° F (0°C to 40° C)	32°F to 104° F (0°C to 40° C)
Storage Temperature	-40°F to 158° F (-40°C to 70° C)	-4°F to 167° F (-20°C to 75° C)	-40°F to 158° F (-40°C to 70° C)
Humidity	5% to 95% relative humidity, non-operating, non-condensing	5% to 95% relative humidity, non-operating, non-condensing	5% to 95% relative humidity, non-operating, non-condensing
Forced Airflow	Front to Back	Front to Back	Front to Back
Operating Altitude	Up to 10 000 ft (3048 m)	Up to 10 000 ft (3048 m)	Up to 10000 ft (3048 m)
Compliance			
	FCC, ICES, CE, UKCA, RCM, VCCI, BSMI, UL, C-mark, CB	FCC, ISED, CE, RCM, VCCI, BSMI, UL/cUL, CB	FCC, ICES, CE, UKCA, RCM, VCCI, BSMI, UL, CB

*Please refer to Ordering Guide for full details on performance

** FortiAIOps appliances do not have any license included. FortiAIOps subscriptions need to be purchased separately.

Ordering Information

FortiAIOps offers subscriptions for Monitoring, AI Insights, or SD-WAN. For Monitoring or AI Insights, licensing is by number of extension devices (FortiSwitch or FortiAP), for SD-WAN licensing is by FortiGate devices. A bundle of both Monitoring and AI Insights is available as well.

VM Service Categories	SKU	Description
FortiAIOps Monitoring	FC1-10-AOVMS-668-01-DD	FortiAIOps Monitoring subscription for 25 extension device. Includes FortiCare Premium.
	FC2-10-AOVMS-668-01-DD	FortiAIOps Monitoring subscription for 500 extension device. Includes FortiCare Premium.
	FC3-10-AOVMS-668-01-DD	FortiAIOps Monitoring subscription for 2000 extension device. Includes FortiCare Premium.
	FC4-10-AOVMS-668-01-DD	FortiAIOps Monitoring subscription for 10000 extension device. Includes FortiCare Premium.
FortiAIOps Monitoring and AI Insights Bundle	FC1-10-AOVMS-670-01-DD	FortiAIOps Monitoring and AI Insights subscription BUNDLE for 25 extension device. Includes FortiCare Premium.
	FC2-10-AOVMS-670-01-DD	FortiAIOps Monitoring and AI Insights subscription BUNDLE for 500 extension device. Includes FortiCare Premium.
	FC3-10-AOVMS-670-01-DD	FortiAIOps Monitoring and AI Insights subscription BUNDLE for 2000 extension device. Includes FortiCare Premium.
	FC4-10-AOVMS-670-01-DD	FortiAIOps Monitoring and AI Insights subscription BUNDLE for 10000 extension device. Includes FortiCare Premium.
FortiAIOps SD-WAN	FC1-10-AOVMS-671-01-DD	FortiAIOps SD-WAN subscription for 25 FortiGate device. Includes FortiCare Premium.
	FC2-10-AOVMS-671-01-DD	FortiAIOps SD-WAN subscription for 500 FortiGate device. Includes FortiCare Premium.
	FC3-10-AOVMS-671-01-DD	FortiAIOps SD-WAN subscription for 2000 FortiGate device. Includes FortiCare Premium.
	FC4-10-AOVMS-671-01-DD	FortiAIOps SD-WAN subscription for 10000 FortiGate device. Includes FortiCare Premium.
Appliance and Service Categories	**SKU**	**Description**
FortiAIOps-100G	FAO-100G	FortiAIOps-100G appliance, 4× 2.5 GE RJ45 ports, 1x RJ45 Serial Console port, 1× 3.84 TB SSD Storage.
	FC-10-AO1HG-247-02-DD	FortiCare Premium Support.
FortiAIOps-500G	FAO-500G	FortiAIOps-500G appliance, 4x GE RJ45 ports, 2× 10 GE SFP+ ports, 1x RJ45 Serial Console port, 2× 1.92 TB SSD, 4× 3.5 in. 4 TB Storage.
	FC-10-A500G-247-02-DD	FortiCare Premium Support.
FortiAIOps-2000G	FAO-2000G	FortiAIOps-2000G appliance, 1x GE RJ45 port, 2× 10GE RJ45 ports, 2× 25GE SFP28 ports, 1x RJ45 Serial Console port, 8× 16TB HDD + 4× 7.68TB SSD Storage, Redundant PSU.
	FC-10-AO2KG-247-02-DD	FortiCare Premium Support.
FortiAIOps Monitoring	FC1-10-AIOHR-673-01-DD	FortiAIOps Appliance Monitoring subscription for 25 extension device.
	FC2-10-AIOHR-673-01-DD	FortiAIOps Appliance Monitoring subscription for 500 extension device.
	FC3-10-AIOHR-673-01-DD	FortiAIOps Appliance Monitoring subscription for 2000 extension device.
	FC4-10-AIOHR-673-01-DD	FortiAIOps Appliance Monitoring subscription for 10000 extension device.
FortiAIOps Monitoring and AI Insights Bundle	FC1-10-AIOHR-1087-01-DD	FortiAIOps Appliance Monitoring and AI Insights subscription BUNDLE for 25 extension device.
	FC2-10-AIOHR-1087-01-DD	FortiAIOps Appliance Monitoring and AI Insights subscription BUNDLE for 500 extension device.
	FC3-10-AIOHR-1087-01-DD	FortiAIOps Appliance Monitoring and AI Insights subscription BUNDLE for 2000 extension device.
	FC4-10-AIOHR-1087-01-DD	FortiAIOps Appliance Monitoring and AI Insights subscription BUNDLE for 10000 extension device.
FortiAIOps SD-WAN	FC1-10-AIOHR-675-01-DD	FortiAIOps Appliance SD-WAN subscription for 25 FortiGate device.
	FC2-10-AIOHR-675-01-DD	FortiAIOps Appliance SD-WAN subscription for 500 FortiGate device.
	FC3-10-AIOHR-675-01-DD	FortiAIOps Appliance SD-WAN subscription for 2000 FortiGate device.
	FC4-10-AIOHR-675-01-DD	FortiAIOps Appliance SD-WAN subscription for 10000 FortiGate device.

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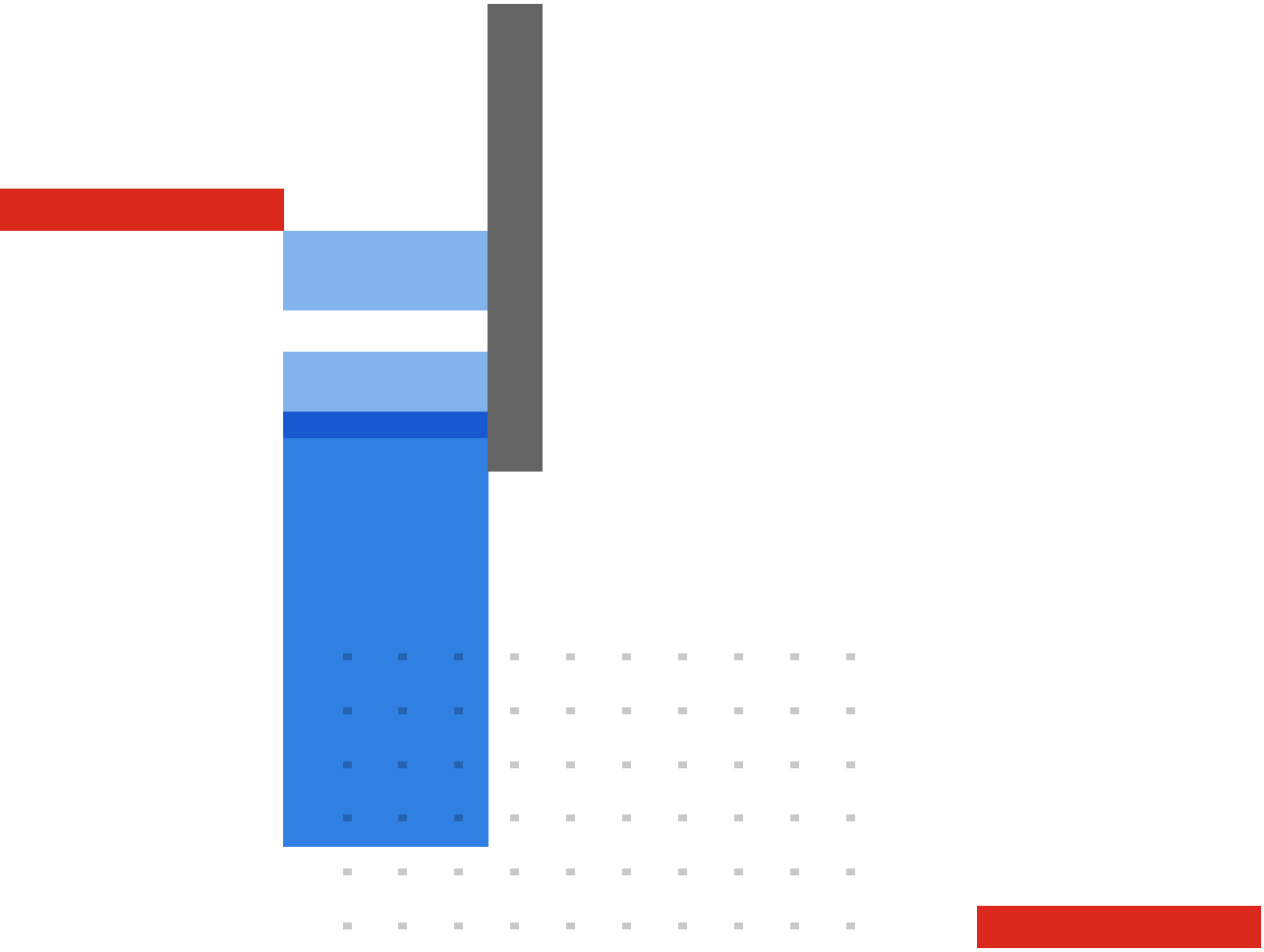
Visit https://www.fortinet.com/resources/ordering-guides for related ordering guides.

Fortinet Corporate Social Responsibility Policy

Fortinet is committed to driving progress and sustainability for all through cybersecurity, with respect for human rights and ethical business practices, making possible a digital world you can always trust. You represent and warrant to Fortinet that you will not use Fortinet's products and services to engage in, or support in any way, violations or abuses of human rights, including those involving illegal censorship, surveillance, detention, or excessive use of force. Users of Fortinet products are required to comply with the Fortinet EULA and report any suspected violations of the EULA via the procedures outlined in the Fortinet Whistleblower Policy.



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February 23, 2026

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