Manuals+
Q & A | Deep Search | Upload

FORTINET FortiAP U231F

Fortinet FortiAP U231F User Manual

2x2 Wi-Fi 6 Indoor Wireless UTP Access Point - Tri-Band, Internal Antenna, 2x GE RJ45 Ports

1. Introduction

This manual provides instructions for the installation, configuration, and operation of the Fortinet FortiAP U231F. The FortiAP U231F is an enterprise-class Wi-Fi 6 (802.11ax) indoor access point designed for high-performance wireless connectivity. It features three radios, OFDMA support, and dual 1 Gbps Ethernet ports with Power over Ethernet (PoE) diversity.
For optimal performance and to ensure safe operation, please read this manual thoroughly before using the device and retain it for future reference.

2. Package Contents

Verify that all items are present and in good condition. If any items are missing or damaged, contact your vendor.

- FortiAP U231F Access Point
- Mounting Bracket (typically included for installation)
- Quick Start Guide (typically included)

The product includes a "Band" component, which refers to its tri-band capability.

3. Physical Overview

The FortiAP U231F features a compact design with indicator LEDs and various ports for connectivity.

Figure 3.1: Top view of the FortiAP U231F showing the Fortinet logo and indicator LEDs.
This image displays the top surface of the FortiAP U231F, highlighting the Fortinet branding and the row of status indicator lights. These LEDs provide visual feedback on the device's operational status, including power, Wi-Fi activity, and network connectivity.

Figure 3.2: FortiAP U231F highlighting key Wi-Fi 6 features.
This image shows the FortiAP U231F alongside icons representing its key features: 802.11ax Wi-Fi 6, 4x4 MU-MIMO, OFDMA, and Enhanced Target Wake Time. These features contribute to improved wireless performance, efficiency, and battery life for connected devices.

FortiAP U231F Specifications

Max Data Rate	Up to 1.2 Gbps + 1.2 Gbps + 574 Mbps
802.11AX Wi-Fi 6	Yes
UL / DL MU-MIMO	Yes
Antennas	7
GE RJ45 ports	4
OFDMA	Yes

Figure 3.3: Rear view of the FortiAP U231F displaying connectivity ports.
This image provides a detailed view of the rear panel of the FortiAP U231F. Visible ports include LAN1/PoE, LAN2, a DC power input, a USB port, and a Console port. The LAN1/PoE port supports Power over Ethernet for simplified installation.

LED Indicators

The FortiAP U231F includes several LED indicators to provide status information:

- **Power LED:** Indicates power status.
- **Wi-Fi LED:** Indicates wireless activity.
- **Network LED:** Indicates network connectivity status.
- **Bluetooth LED:** Indicates Bluetooth Low Energy (BLE) activity.

4. Installation and Setup

This section outlines the steps for physically installing and initially setting up your FortiAP U231F.

4.1 Mounting the Access Point

The FortiAP U231F can be mounted on a wall or ceiling. Use the provided mounting bracket and hardware. Ensure the mounting location is central to the desired coverage area and away from obstructions or sources of interference.

1. Secure the mounting bracket to the desired surface using appropriate screws.
2. Align the FortiAP U231F with the mounting bracket and slide it into place until it clicks securely.

4.2 Powering the Device

The FortiAP U231F supports Power over Ethernet (PoE) or can be powered via a DC power adapter (sold separately).

- **PoE:** Connect an Ethernet cable from a PoE-enabled switch or injector to the LAN1/PoE port on the FortiAP.
- **DC Power:** Connect a compatible DC power adapter to the power input port on the FortiAP, then plug the adapter into a power outlet.

Upon successful power-up, the Power LED will illuminate.

4.3 Network Connection

Connect the FortiAP U231F to your network infrastructure.

- Connect an Ethernet cable from your network switch or router to either the LAN1/PoE or LAN2 port on the FortiAP.
- If using PoE, ensure the LAN1/PoE port is used for both power and data.

5. Initial Configuration and Operation

The FortiAP U231F is typically managed by a FortiGate firewall or FortiManager. Refer to the FortiGate or FortiManager documentation for detailed configuration steps.

5.1 Management Modes

The FortiAP U231F supports various management modes:

- **Tunnel Mode:** All wireless traffic is encapsulated and sent to the FortiGate.
- **Bridge Mode:** Wireless traffic is bridged directly to the local network segment.
- **Mesh Mode:** Allows the AP to connect wirelessly to other APs to extend network coverage.

5.2 Wireless Network Configuration

Configure SSIDs (Service Set Identifiers), security settings (WPA2/WPA3), and other wireless parameters through your FortiGate or FortiManager interface. The FortiAP U231F supports tri-band operation, allowing for flexible deployment of 2.4 GHz and dual 5 GHz networks.
The integrated BLE radio can be utilized for beaconing and location-based applications, configured via the management interface.

6. Maintenance

Regular maintenance ensures the longevity and optimal performance of your FortiAP U231F.

6.1 Firmware Updates

Keep the FortiAP firmware updated to the latest version. Firmware updates often include performance enhancements, security patches, and new features. Updates are typically managed through the connected FortiGate or FortiManager.

6.2 Cleaning

Periodically clean the exterior of the access point with a soft, dry cloth. Do not use liquid or aerosol cleaners, as they may damage the device.

6.3 Environmental Considerations

Ensure the operating environment remains within specified temperature and humidity ranges to prevent damage and ensure stable operation.

7. Troubleshooting

This section provides solutions to common issues you might encounter with your FortiAP U231F.

7.1 No Power

- **Check Power Source:** Ensure the power adapter is securely plugged into the device and a working electrical outlet, or that the PoE switch/injector is providing power to the Ethernet cable connected to LAN1/PoE.

- **Verify Cables:** Ensure all power and Ethernet cables are properly connected.

7.2 No Network Connectivity

- **Check Ethernet Connection:** Verify the Ethernet cable is securely connected to the FortiAP's LAN port and the network switch/router.
- **Verify Network Configuration:** Ensure the FortiAP is correctly configured on your FortiGate or FortiManager, and that it has obtained an IP address.
- **Firewall Rules:** Check if any firewall rules are blocking communication between the FortiAP and the management device or network resources.

7.3 Poor Wireless Performance

- **Location:** Ensure the AP is mounted in an optimal location, free from physical obstructions and sources of interference (e.g., microwaves, cordless phones).
- **Channel Interference:** Use a Wi-Fi analyzer to identify and select less congested wireless channels.
- **Firmware:** Ensure the FortiAP has the latest firmware installed.
- **Client Devices:** Verify that client devices support Wi-Fi 6 (802.11ax) for optimal performance.

8. Specifications

Detailed technical specifications for the Fortinet FortiAP U231F.

Figure 8.1: Visual representation of FortiAP U231F key specifications.
This image presents a table summarizing the core specifications of the FortiAP U231F, including Max Data Rate, Wi-Fi standard, MU-MIMO support, number of antennas, GE RJ45 ports, and OFDMA support. This provides a quick overview of the device's capabilities.

FortiAP U231F Technical Specifications

Feature	Detail

Feature	Detail
Model Name	FortiAP U231F
Wireless Communication Standard	802.11ax (Wi-Fi 6)
Frequency Band Class	Tri-Band (2.4 GHz, 5 GHz, 5 GHz)
Max Data Rate	Up to 1.2 Gbps + 1.2 Gbps + 574 Mbps (Aggregate)
Antennas	Internal, 7 total
GE RJ45 Ports	2 (with PoE diversity on LAN1/PoE)
OFDMA	Yes
MU-MIMO	Yes (UL / DL MU-MIMO)
Special Feature	Access Point Mode, Integrated BLE radio
Connectivity Technology	USB, Wi-Fi, Ethernet
Compatible Devices	Laptop, Personal Computer, Smartphone, Tablet
Package Dimensions	7 x 7 x 2 inches
Item Weight	1.5 lbs
Manufacturer	Fortinet

9. Safety Information

Observe the following safety precautions to prevent damage to the device and ensure personal safety.

- Do not expose the device to water or excessive humidity.
- Do not open or attempt to repair the device. Refer all servicing to qualified personnel.
- Use only the power adapter supplied or approved by Fortinet, or a compliant PoE source.
- Ensure proper ventilation around the device to prevent overheating.

10. Warranty and Support

For warranty information and technical support, please refer to the official Fortinet website or contact your authorized Fortinet reseller.

- **Fortinet Support:** https://support.fortinet.com
- **Fortinet Website:** https://www.fortinet.com

Protection plans are available for purchase separately, offering extended coverage for your device. These plans are provided by third-party services and can be found on the product's retail page.

© 2023 Fortinet. All rights reserved. Information in this document is subject to change without notice.

Related Documents - FortiAP U231F

[FortiAP 7.4.5 Release Notes | Fortinet]

This document provides release notes for FortiAP version 7.4.5, build 0734. It details new features, enhancements, supported models, upgrade information, product integration, resolved issues, and known issues for FortiAP devices.

[Fortinet FortiAP 231G & 233G Series QuickStart Guide]

This QuickStart Guide from Fortinet provides essential setup and installation instructions for the FortiAP 231G and 233G series wireless access points, covering package contents, connection options, and regulatory information.

[Fortinet FortiAP and FortiOS Compatibility Matrix]

This document provides a comprehensive compatibility matrix detailing the supported firmware versions for Fortinet FortiAP wireless access points across various FortiOS versions. It helps users identify compatible combinations for optimal network performance.

[FortiAP 431G & 433G QuickStart Guide - Fortinet]

Get started quickly with Fortinet FortiAP 431G and 433G wireless access points. This guide covers setup, package contents, installation, and essential resources for efficient deployment.

[FortiAP 241K/243K QuickStart Guide]

This guide provides essential information for setting up and installing Fortinet FortiAP 241K and 243K wireless access points. It covers package contents, essential network setup, various mounting options, interface details, and important regulatory notices.

[Fortinet FortiGate Secure LAN Edge Controller Ordering Guide]

Comprehensive ordering guide for Fortinet's FortiGate Secure LAN Edge Controller, detailing FortiAP and FortiSwitch product offerings, design considerations, and specifications for various deployment scenarios.

[pdf] User Manual Quick Start Guide Specifications Guide Accessories

FAP U231F Quick Start Guide Fortinet FortiGate Information Supplement Box Includes Accessories 1062814592 content etilize User Manual

FortiAP U231F Quick Start Guide FAP-U231F Box Includes FAP-U231F QuickStart Guide Wall/Ceiling Mount Standard Tile T-rail Bracket 2 Sizes 1 Screws 16 About FAP-U231F IMPORTANT: Supported only from FortiWLC 8.6.1 and FortiGate with FOS version 6.4.3 and later. The FortiAP-U231F access p...

lang:en score:45 filesize: 777.89 K page_count: 31 document date: 2021-05-06

[pdf] Quick Start Guide Specifications Guide Accessories

FAP U231F Quick Start Guide Fortinet FortiGate Information Supplement Box Includes Accessories FortiAP fortinetweb s3 amazonaws docs fortinet v2 attachments 042a1c00 aef1 11eb b70b 00505692583a ||| ||| FortiAP U231F Quick Start Guide FAP-U231F Box Includes FAP-U231F QuickStart Guide Screws 16 Wall/Ceiling Mount Standard Tile T-rail Bracket 2 Sizes 1 About FAP-U231F IMPORTANT: Sup

FortiAP U231F Quick Start Guide FAP-U231F Box Includes FAP-U231F QuickStart Guide Screws 16 Wall/Ceiling Mount Standard Tile T-rail Bracket 2 Sizes 1 About FAP-U231F IMPORTANT: Supported only from FortiWLC 8.6.1 and FortiGate with FOS version 6.4.3 and later. The FortiAP-U231F access p...

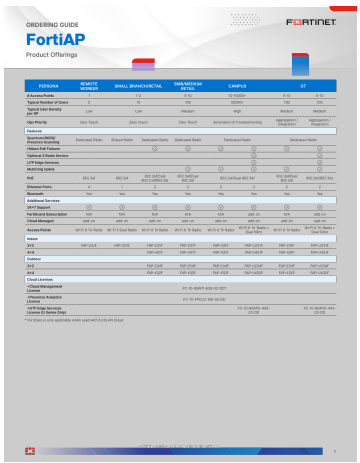
lang:en score:44 filesize: 836.7 K page_count: 31 document date: 2022-11-24

[pdf] User Manual Quick Start Guide Specifications Guide Accessories

FAP U231F Quick Start Guide Fortinet FortiGate Information Supplement Box Includes Accessories 1062814592assets grandandtoy assets User Manual 10 62 1062814592 |||

FortiAP U231F Quick Start Guide FAP-U231F Box Includes FAP-U231F QuickStart Guide Screws 16 Wall/Ceiling Mount Standard Tile T-rail Bracket 2 Sizes 1 About FAP-U231F IMPORTANT: Supported only from FortiWLC 8.6.1 and FortiGate with FOS version 6.4.3 and later. The FortiAP-U231F access p...

lang:en score:43 filesize: 777.89 K page_count: 31 document date: 2021-05-06



[pdf] Troubleshooting Guide Datasheet Guide

Ordering Guides og wireless fortinet content dam assets data sheets |||

ORDERING GUIDE FortiAP Product Offerings PERSONA # Access Points Typical Number of Users Typical Us ... 223E FortiAP 231F FortiAP 234F FortiAP 431F FortiAP 432F FortiAP 433F FortiAP C24JE FortiAP U24JEV FortiAP U231F FortiAP U321EV FortiAP U422EV FortiAP U431F FortiAP U433F FortiWLM 100D FortiWLM 1000D...

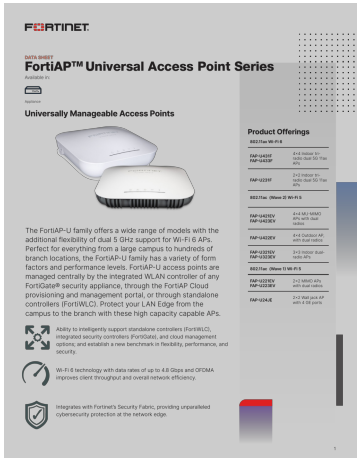
lang:en score:43 filesize: 880.31 K page_count: 2 document date: 2022-07-26

[pdf] User Manual Quick Start Guide Specifications Guide Accessories

FAP U231F Quick Start Guide Fortinet FortiGate Information Supplement Box Includes Accessories User Manual Inc 371BB072 Secured Wireless Access Point TVE TVE371BB072 371bb072

FortiAP U231F Quick Start Guide FAP-U231F Box Includes FAP-U231F QuickStart Guide Screws 16 Wall/Ceiling Mount Standard Tile T-rail Bracket 2 Sizes 1 About FAP-U231F IMPORTANT: Supported only from FortiWLC Release x.x.x or later and FortiGate with FOS version x.x.x and later. The Forti...

lang:en score:39 filesize: 816.32 K page_count: 31 document date: 2020-10-20

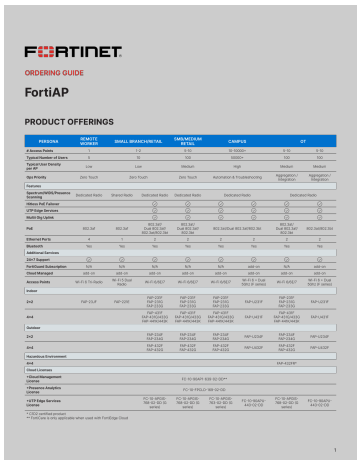


[pdf] Datasheet Borchure

FortiAP Universal Access Point Series Data Sheet Fortinet Technologies Inc FAP U231F V Fortiap U231f Wireless DirectDial Canada 1065959626 content etilize Manufacturer Brochure |||

DATA SHEET FortiAPTM Universal Access Point Series Available in: Appliance Universally Manageable A ... ernal Antenna E-Plane Pattern 88 DATA SHEET FortiAPTM Universal Access Point Series HIGHLIGHTS FortiAP U231F This enterprise class Wi-Fi 6 802.11ax indoor AP provides three radios as well as fe...

lang:en score:38 filesize: 11.09 M page_count: 33 document date: 2021-03-15



[pdf] Troubleshooting Guide Guide

FortiAP Ordering Guide Fortinet Inc Grand Toy 23JF FAP suffix* FC 10 P23JF 247 02 DD 221E PE221 223E PE223 02 1079564031 assets grandandtoy Additional 2 79 |||

ORDERING GUIDE FortiAP PRODUCT OFFERINGS PERSONA # Access Points Typical Number of Users Typical U ... AP 432F FortiAP 432FR FortiAP 432G FortiAP 433F FortiAP 433G FortiAP 441K FortiAP 443K FortiAP 831F FortiAP U231F FortiAP U234F FortiAP U422EV FortiAP U431F FortiAP U432F FortiAP U433F * Refer to the ...

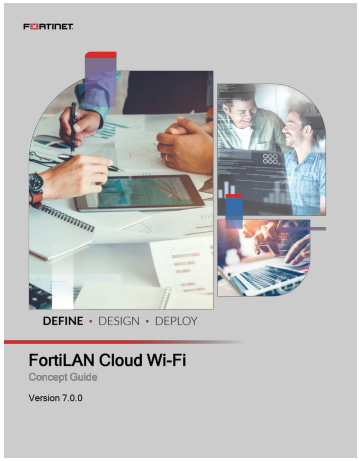
lang:en score:36 filesize: 606.01 K page_count: 3 document date: 2024-09-06

[pdf] Documentation Guide

Secure Wireless Concept Guide 7 0 Fortinet Inc Amazon AWS 2022 06 08 — This guide aims to provide a broad overview of concepts and introduce products in the oven baby monitor or Bluetooth are common sources fortinetweb s3 amazonaws docs fortinet v2 attachments 977274cf 7275 11ec bdf2 fa163e15d75b |||

Secure Wireless Concept Guide Version 7.0.0 FORTINET DOCUMENT LIBRARY https://docs.fortinet.com FO ... dedicated scanning. The integrated BLE radio can be used for beacons and locationing applications. FortiAP U231F - 2x2:2 MIMO Indoor This enterprise class Wi-Fi 6 802.11ax indoor AP provides three ...

lang:en score:34 filesize: 8.52 M page_count: 34 document date: 2022-09-19

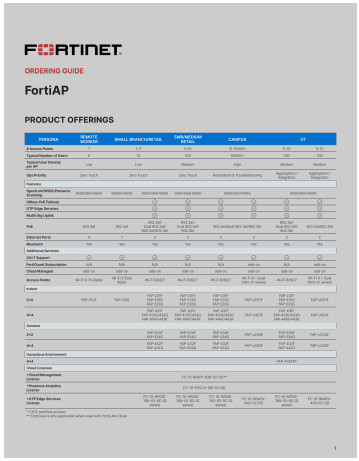


[pdf] Documentation Guide

FortiLAN Cloud Wi Fi Concept Guide 7 0 Fortinet Inc fortinetweb s3 amazonaws docs fortinet v2 attachments 586cfe5f 3ab0 11ed 9d74 fa163e15d75b |||

FortiLAN Cloud Wi-Fi Concept Guide Version 7.0.0 FORTINET DOCUMENT LIBRARY https://docs.fortinet.c ... dedicated scanning. The integrated BLE radio can be used for beacons and locationing applications. FortiAP U231F - 2x2:2 MIMO Indoor This enterprise class Wi-Fi 6 802.11ax indoor AP provides three ...

lang:en score:34 filesize: 8.94 M page_count: 33 document date: 2022-09-26


FORTINET

ORDERING GUIDE

FortiAP

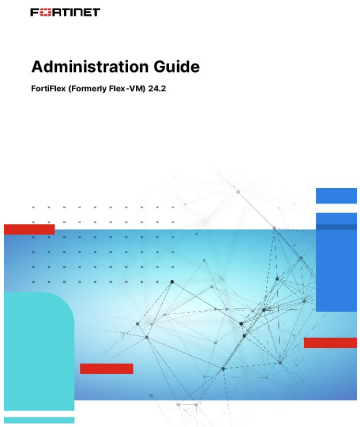
PRODUCT OFFERINGS

[pdf] Troubleshooting Guide Guide

FortiAP Ordering Guide fortinet Inc Click here for Additional 1Fortinet 443K Tri Band IEEE 802 11a b g n ac ax h i k r v e be j 21 32 Gbit s Wireless Access Point Indoor FAP V FireOwls Corporation1080468496content etilize 1 1080468496 1Click CorporationFortinet 441K N Corporation1080468504content 1080468496content 1080468504 ||| ||| ORDERING GUIDE FortiAP PRODUCT OFFERINGS PERSONA # Access Points Typical Number of Users Typical User Density per AP REMOTE WORKER 1 5 Low SMALL BRANCH/RETAIL 1-2 10 Low SMB/MEDIUM RETAIL 5-10 100 Medium CAMPUS 10-10000 50000 High Ops Prior

ORDERING GUIDE FortiAP PRODUCT OFFERINGS PERSONA # Access Points Typical Number of Users Typical U ... AP 432F FortiAP 432FR FortiAP 432G FortiAP 433F FortiAP 433G FortiAP 441K FortiAP 443K FortiAP 831F FortiAP U231F FortiAP U234F FortiAP U422EV FortiAP U431F FortiAP U432F FortiAP U433F * Refer to the ...

lang:en score:33 filesize: 606.21 K page_count: 3 document date: 2024-01-30


FORTINET

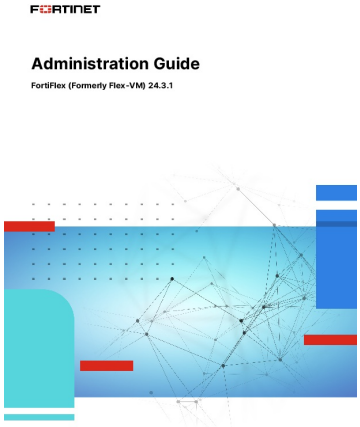
Administration Guide

FortiFlex (Formerly Flex-VM) 24.2

FortiFlex (Formerly Flex-VM) 24.2 Administration Guide

This administration guide provides comprehensive instructions on managing FortiFlex (Formerly Flex-VM) 24.2, covering VM usage entitlements, licensing, configuration, deployment, and automation for Fortinet products.

lang:en score:32 filesize: 4.42 M page_count: 72 document date: 2024-05-17


FORTINET

Administration Guide

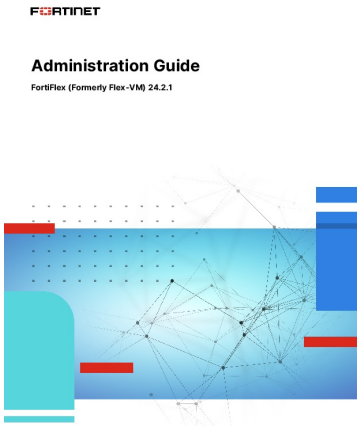
FortiFlex (Formerly Flex-VM) 24.3.1

[pdf] Quick Start Guide Guide

FortiFlex Formerly Flex VM Administration Guide 24 3 1 Fortinet Inc fortinetweb s3 amazonaws docs fortinet v2 attachments a9d24193 64c6 11ef bfe5 fa163e15d75b |||

Administration Guide FortiFlex Formerly Flex-VM 24.3.1 FORTINET DOCUMENT LIBRARY https://docs.fortinet.com FORTINET VIDEO LIBRARY https://video.fortinet.com FORTINET BLOG https://blog.fortinet.com CUSTOMER SERVICE SUPPORT https://support.fortinet.com FORTINET TRAINING CERTIFICATION PROGRAM h...

lang:en score:32 filesize: 4.35 M page_count: 75 document date: 2024-09-09


FORTINET

Administration Guide

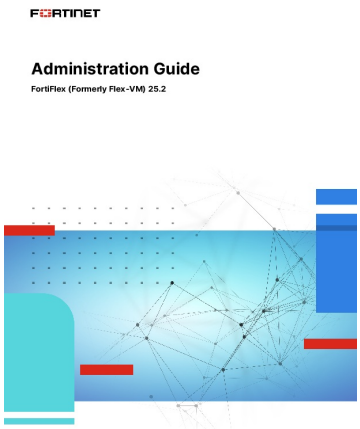
FortiFlex (Formerly Flex-VM) 24.2.1

[pdf] Quick Start Guide Guide

FortiFlex Formerly Flex VM Administration Guide 24 2 1 Fortinet Inc fortinetweb s3 amazonaws docs fortinet v2 attachments 3e016dd3 1e9c 11ef 8c42 fa163e15d75b |||

Administration Guide FortiFlex Formerly Flex-VM 24.2.1 FORTINET DOCUMENT LIBRARY https://docs.fortinet.com FORTINET VIDEO LIBRARY https://video.fortinet.com FORTINET BLOG https://blog.fortinet.com CUSTOMER SERVICE SUPPORT https://support.fortinet.com FORTINET TRAINING CERTIFICATION PROGRAM h...

lang:en score:32 filesize: 4.4 M page_count: 73 document date: 2024-06-07

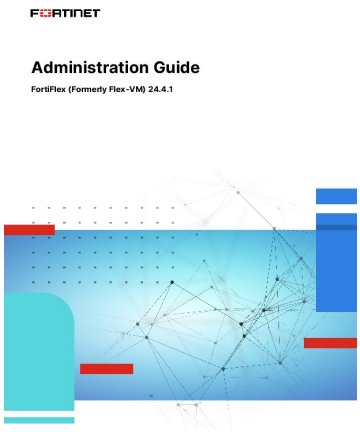


[pdf] Quick Start Guide Guide

FortiFlex Formerly Flex VM Administration Guide 25 2 Fortinet Inc fortinetweb s3 amazonaws docs fortinet v2 attachments 9ee6f99a 25e7 11f0 a9d0 d2b0d2e22f7d |||

Administration Guide FortiFlex Formerly Flex-VM 25.2 FORTINET DOCUMENT LIBRARY https://docs.fortinet.com FORTINET VIDEO LIBRARY https://video.fortinet.com FORTINET BLOG https://blog.fortinet.com CUSTOMER SERVICE SUPPORT https://support.fortinet.com FORTINET TRAINING CERTIFICATION PROGRAM htt...

lang:en score:31 filesize: 4.37 M page_count: 81 document date: 2025-05-06

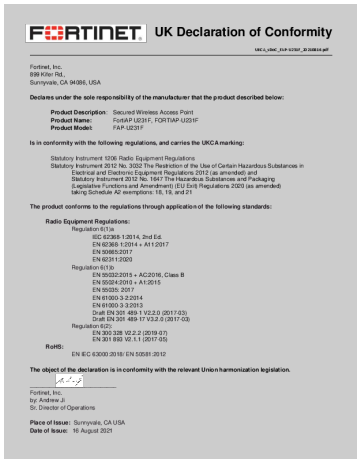


[pdf] Quick Start Guide Guide

FortiFlex Formerly Flex VM Administration Guide 24 4 1 Fortinet Inc fortinetweb s3 amazonaws docs fortinet v2 attachments 192bac98 a79e 11ef a705 1222899fa4e9 |||

Administration Guide FortiFlex Formerly Flex-VM 24.4.1 FORTINET DOCUMENT LIBRARY https://docs.fortinet.com FORTINET VIDEO LIBRARY https://video.fortinet.com FORTINET BLOG https://blog.fortinet.com CUSTOMER SERVICE SUPPORT https://support.fortinet.com FORTINET TRAINING CERTIFICATION PROGRAM h...

lang:en score:31 filesize: 4.37 M page_count: 80 document date: 2024-12-16



[pdf] Decleration of Conformity

Andrew Rybacha UKCA DoC FAP U231F 20210816 site fortinet ProductRegulatory UK |||

UK Declaration of Conformity UKCA_sDoC_FAP-U231F_20210816.pdf Fortinet, Inc. 899 Kifer Rd., Sunnyvale, CA 94086, USA Declares under the sole responsibility of the manufacturer that the product described below: Product Description: Secured Wireless Access Point Product Name: FortiAP U231F, FORT...

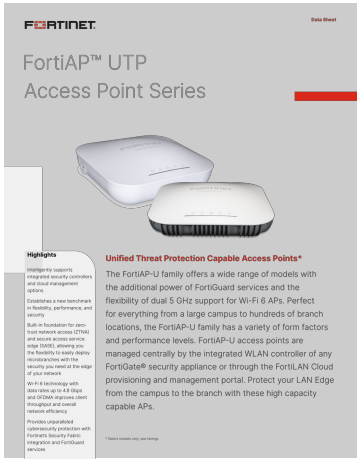
lang:en score:30 filesize: 453.98 K page_count: 1 document date: 2021-08-16

[pdf] Decleration of Conformity

Andrew Rybacha CE sDoC FAP U231F 20210816 site fortinet ProductRegulatory EU |||

EU Declaration of Conformity CE_sDoC_FAP-U231F_20210816.pdf Fortinet, Inc. 899 Kifer Rd., Sunnyvale, CA 94086, USA Declares under the sole responsibility of the manufacturer that the product described below: Product Description: Secured Wireless Access Point Product Name: FortiAP U231F, FORTIAP...

lang:en score:30 filesize: 554.95 K page_count: 1 document date: 2021-08-16

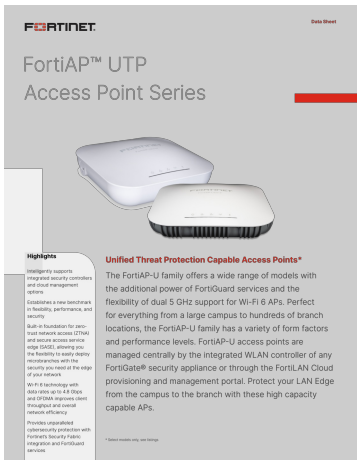


[pdf] Datasheet

FortiAP UTP Access Point Series Data Sheet Datasheet Fortinet fortiap u series datasheet Bộ thu phát wifi U431F FAP Chính hãng giá tốt vnsup 2024 06 |||

Data Sheet FortiAPTM UTP Access Point Series Highlights Intelligently supports integrated security ... P U432F Antenna Radiation Patterns Data Sheet 12 FortiAPTM UTP Access Point Series Data Sheet FortiAP U231F This enterprise class Wi-Fi 6 802.11ax indoor AP provides three radios as well as fe...

lang:en score:29 filesize: 5.6 M page_count: 22 document date: 2024-01-26



[pdf] Datasheet Borchure

FortiAP UTP Access Point Series Data Sheet Datasheet Fortinet U231F Dual Band 802 11a FAP K PC Canada 1071049048 content etilize Manufacturer Brochure |||

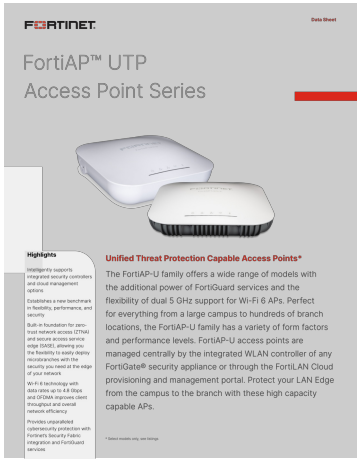
Data Sheet FortiAPTM UTP Access Point Series Highlights Intelligently supports integrated security ... P U432F Antenna Radiation Patterns Data Sheet 12 FortiAPTM UTP Access Point Series Data Sheet FortiAP U231F This enterprise class Wi-Fi 6 802.11ax indoor AP provides three radios as well as fe...

lang:en score:29 filesize: 5.92 M page_count: 26 document date: 2023-10-02

FortiOS 7.4.0 Release Notes: New Features, Fixes, and Updates

Explore the FortiOS 7.4.0 release notes from Fortinet, detailing new features, enhancements, resolved issues, known issues, and upgrade information for their network security operating system.

lang:en score:29 filesize: 788.38 K page_count: 71 document date: 2023-05-17

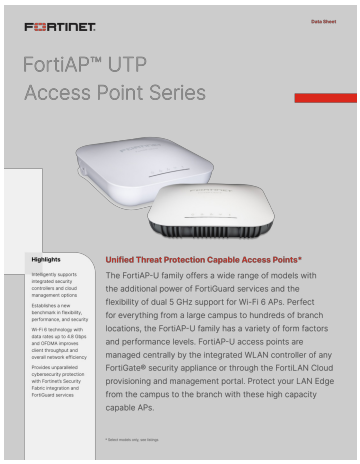


[pdf] Datasheet Borchure

FortiAP UTP Access Point Series Data Sheet Datasheet Fortinet Click here for Manufacturer BrochureFortinet U231F Tri Band IEEE 802 11 a b g n ac ax 2 91 Gbit s Wireless Indoor FAP T FireOwls Corporation1080468491content etilize Brochure 1080468491 |||

Data Sheet FortiAPTM UTP Access Point Series Highlights Intelligently supports integrated security ... P U432F Antenna Radiation Patterns Data Sheet 12 FortiAPTM UTP Access Point Series Data Sheet FortiAP U231F This enterprise class Wi-Fi 6 802.11ax indoor AP provides three radios as well as fe...

lang:en score:28 filesize: 5.6 M page_count: 22 document date: 2024-01-26

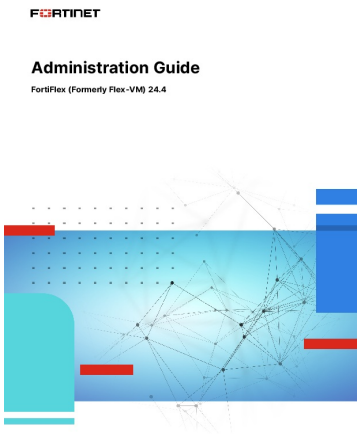


[pdf] Datasheet Borchure

FortiAP UTP Access Point Series Data Sheet Datasheet Fortinet Manufacturer Brochure U432F Tri Band 802 11ax 9 68 Gbit s Wireless Indoor Outdoor CareTek Information Technology Solutions 1070033860 content etilize Manufacturer |||

Data Sheet FortiAPTM UTP Access Point Series Highlights Intelligently supports integrated security ... P U432F Antenna Radiation Patterns Data Sheet 14 FortiAPTM UTP Access Point Series Data Sheet FortiAP U231F This enterprise class Wi-Fi 6 802.11ax indoor AP provides three radios as well as fe...

lang:en score:28 filesize: 6.13 M page_count: 28 document date: 2023-05-24

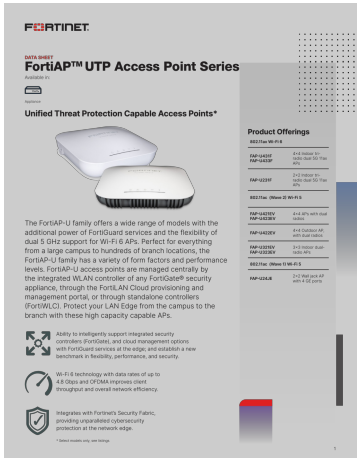


[pdf] Quick Start Guide Guide

FortiFlex Formerly Flex VM Administration Guide 24 4 Fortinet Inc il y a 2 jours — To add secondary accounts create an IAM user For information see Adding users The portal does not support FortiCloud sub fortinetweb s3 amazonaws docs fortinet v2 attachments 13754717 9555 11ef a705 1222899fa4e9 |||

Administration Guide FortiFlex Formerly Flex-VM 24.4 FORTINET DOCUMENT LIBRARY https://docs.fortinet.com FORTINET VIDEO LIBRARY https://video.fortinet.com FORTINET BLOG https://blog.fortinet.com CUSTOMER SERVICE SUPPORT https://support.fortinet.com FORTINET TRAINING CERTIFICATION PROGRAM htt...

lang:en score:27 filesize: 4.36 M page_count: 78 document date: 2024-11-04

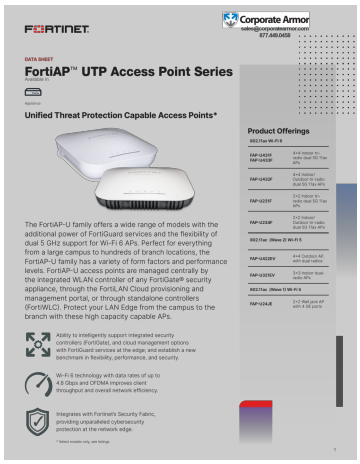


[pdf] Datasheet

FortiAP UTP Series Access Points Data Sheet Fortinet Inc U fortinet content dam assets data sheets

DATA SHEET FortiAPTM UTP Access Point Series Available in: Appliance Unified Threat Protection Capa ... rn External Antenna E-Plane Pattern 88 DATA SHEET FortiAPTM UTP Access Point Series HIGHLIGHTS FortiAP U231F This enterprise class Wi-Fi 6 802.11ax indoor AP provides three radios as well as fe...

lang:en score:27 filesize: 10.22 M page_count: 29 document date: 2021-09-04

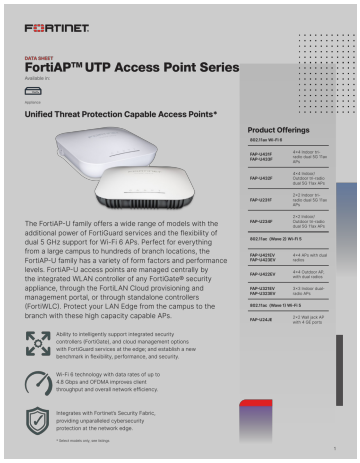


[pdf] Datasheet

FortiAP Unified Threat Protection Series Data Sheet Datasheet Fortinet Inc U Access Points corporatearmor 2022 02 |||

sales corporatearmor.com 877.449.0458 DATA SHEET FortiAPTM UTP Access Point Series Available in App ... -U432F ANTENNA RADIATION PATTERNS 12 12 DATA SHEET FortiAPTM UTP Access Point Series HIGHLIGHTS FortiAP U231F This enterprise class Wi-Fi 6 802.11ax indoor AP provides three radios as well as fe...

lang:en score:27 filesize: 8.83 M page_count: 33 document date: 2022-06-23



[pdf] Datasheet

FortiAP Unified Threat Protection Data Sheet Datasheet Fortinet Inc FAP U431F Secure Wireless Access Points fortiap u series fortinet content dam assets data sheets |||

DATA SHEET FortiAPTM UTP Access Point Series Available in: Appliance Unified Threat Protection Capa ... -U432F ANTENNA RADIATION PATTERNS 12 12 DATA SHEET FortiAPTM UTP Access Point Series HIGHLIGHTS FortiAP U231F This enterprise class Wi-Fi 6 802.11ax indoor AP provides three radios as well as fe...

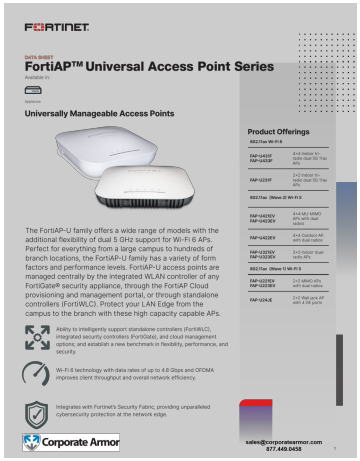
lang:en score:26 filesize: 13.25 M page_count: 38 document date: 2021-12-03

[pdf] Guide Release Notes

FortiAP U Release Notes 6 2 3 Fortinet Technologies Inc fortiap u v6 release notes fortinetweb s3 amazonaws docs fortinet v2 attachments 4d39695c 4d93 11ec bdf2 fa163e15d75b |||

FortiAP-U - Release Notes Version 6.2.3 FORTINET DOCUMENT LIBRARY https://docs.fortinet.com FORTINET VIDEO GUIDE https://video.fortinet.com FORTINET BLOG https://blog.fortinet.com CUSTOMER SERVICE SUPPORT https://support.fortinet.com FORTINET TRAINING CERTIFICATION PROGRAM https://www.fortinet...

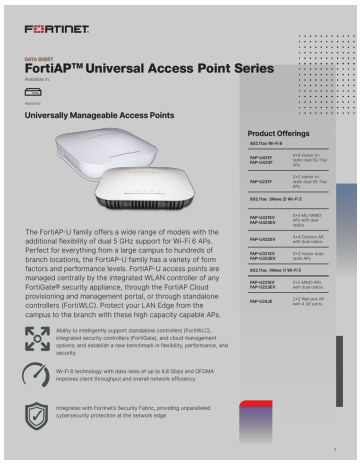
lang:en score:26 filesize: 889.56 K page_count: 13 document date: 2021-11-29



[pdf] Datasheet

FortiAP Universal Access Point Series Data Sheet Fortinet Technologies Inc fortiap u series corporatearmor 2020 11 |||

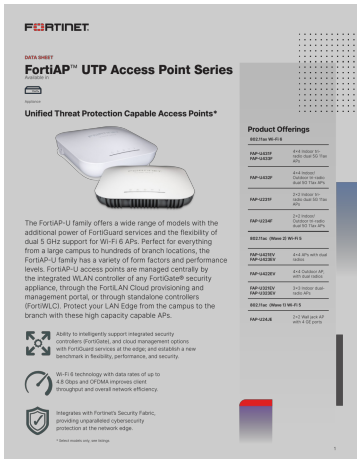
DATA SHEET FortiAPTM Universal Access Point Series Available in: Appliance Universally Manageable A ... ernal Antenna E-Plane Pattern 88 DATA SHEET FortiAPTM Universal Access Point Series HIGHLIGHTS FortiAP U231F This enterprise class Wi-Fi 6 802.11ax indoor AP provides three radios as well as fe... lang:en score:26 filesize: 11.46 M page_count: 33 document date: 2021-06-07



[pdf] Datasheet Borchure

FortiAP Universal Access Point Series Data Sheet Fortinet Technologies Inc 1062814592assets grandandtoy assets Manufacturer Brochure 10 62 1062814592 |||

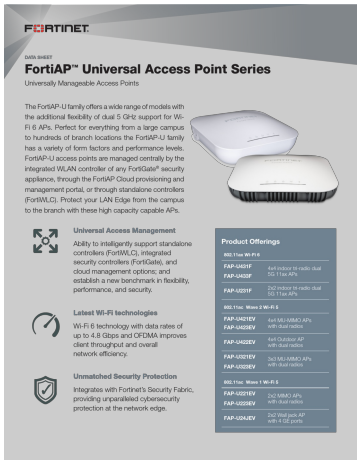
DATA SHEET FortiAPTM Universal Access Point Series Available in: Appliance Universally Manageable A ... ernal Antenna E-Plane Pattern 88 DATA SHEET FortiAPTM Universal Access Point Series HIGHLIGHTS FortiAP U231F This enterprise class Wi-Fi 6 802.11ax indoor AP provides three radios as well as fe... lang:en score:25 filesize: 11.09 M page_count: 33 document date: 2021-03-15



[pdf] Datasheet

FortiAP UTP Series Data Sheet Unified Threat Protection Datasheet Fortinet Inc fortiap u series avfirewalls datasheets |||

DATA SHEET FortiAPTM UTP Access Point Series Available in Appliance Unified Threat Protection Capab ... -U432F ANTENNA RADIATION PATTERNS 12 12 DATA SHEET FortiAPTM UTP Access Point Series HIGHLIGHTS FortiAP U231F This enterprise class Wi-Fi 6 802.11ax indoor AP provides three radios as well as fe... lang:en score:25 filesize: 13.69 M page_count: 38 document date: 2022-02-05



[pdf] Datasheet

FortiAP™ Universal Access Point Series Data Sheet Fortinet Technologies Inc fortiap u series enbitcon de cstatic io media 24 58 4f 1609934342 |||

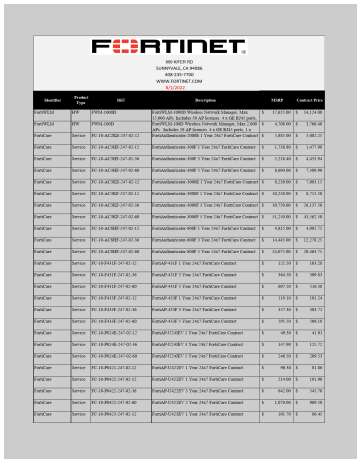
DATA SHEET FortiAPTM Universal Access Point Series Universally Manageable Access Points The FortiAP ... ternal Antenna E-Plane Pattern 7 DATA SHEET FortiAPTM Universal Access Point Series Highlights FortiAP U231F This enterprise class Wi-Fi 6 802.11ax indoor AP provides three radios as well as fe... lang:en score:25 filesize: 10.66 M page_count: 32 document date: 2020-11-26

[pdf] Guide Release Notes

FortiAP U Release Notes 6 2 4 Fortinet Inc Amazon AWS Region country code update and DFS certification Support hexadecimal values of EddyStone namespace ID instance in Bluetooth low energy fortiap u v6 release notes fortinetweb s3 amazonaws docs fortinet v2 attachments 935f20d1 e1f8 11ec bb32 fa163e15d75b |||

Release Notes FortiAP-U 6.2.4 FORTINET DOCUMENT LIBRARY https://docs.fortinet.com FORTINET VIDEO GUIDE https://video.fortinet.com FORTINET BLOG https://blog.fortinet.com CUSTOMER SERVICE SUPPORT https://support.fortinet.com FORTINET TRAINING CERTIFICATION PROGRAM https://www.fortinet.com/train...

lang:en score:25 filesize: 5.6 M page_count: 14 document date: 2022-12-05

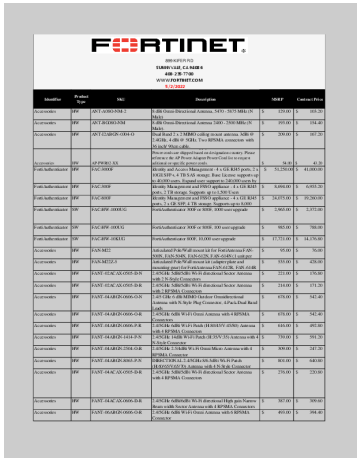


[pdf] Price List

Mississippi EPL Price List Wireless Aug 1 2022 List 3760 Fortinet price list ms epl wireless q3 aug fortinet content dam assets partners state contracts |||

Identifier FortiWLM FortiWLM FortiCare Product Type SKU H...

lang:fr score:24 filesize: 240.02 K page_count: 18 document date: 2022-07-28



[pdf] Accessories Price List

Price List Wireless May 2 2022 Cyd Stevenson Mississippi EPL 3760 Fortinet price list wireless q2 may fortinet content dam assets partners state contracts |||

Identifier Accessories Accessories Accessories Product Type SKU HW ANT-A08O-NM-2 HW ANT-BG08O-NM HW ANT-I2ABGN-0304-O Accessories HW FortiAuthenticator HW AP-PWR02-XX FAC-3000F FortiAuthenticator HW FortiAuthenticator HW FortiAuthenticator SW FAC-300F FAC-800F FAC-HW-1000UG 899 KIFER ...

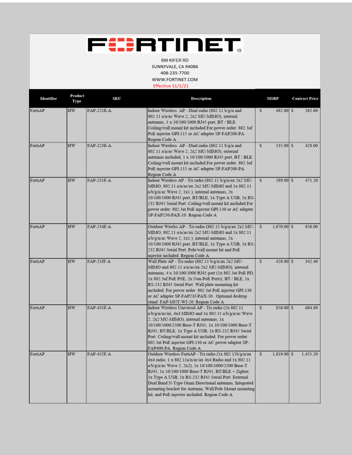
lang:en score:23 filesize: 456.96 K page_count: 13 document date: 2022-05-02

[pdf] Quick Start Guide Guide Release Notes

FortiWLC Release Notes 8 6 1 Fortinet Technologies Inc fortinetweb s3 amazonaws docs fortinet v2 attachments 3a6611cb ae55 11eb b70b 00505692583a |||

FortiWLC - Release-Notes Version 8.6.1 FORTINET DOCUMENT LIBRARY https://docs.fortinet.com FORTINET VIDEO GUIDE https://video.fortinet.com FORTINET BLOG https://blog.fortinet.com CUSTOMER SERVICE SUPPORT https://support.fortinet.com FORTINET TRAINING CERTIFICATION PROGRAM https://www.fortinet....

lang:en score:23 filesize: 1.05 M page_count: 26 document date: 2021-06-07



[pdf] Price List

price list wireless 2021 q4 nov fortinet content dam assets partners state contracts |||

Identifier FortiAP Product Type SKU HW FAP-221E-A FortiAP HW FAP-223E-A FortiAP HW FAP-231F-A FortiAP HW FAP-234F-A FortiAP HW FAP-23JF-A FortiAP HW FAP-431F-A FortiAP HW FAP-432F-A 899 KIFER RD SUNNYVALE, CA 94086 408-235-7700 WWW.FORTINET.COM Effective 11/1/21 Description ...

lang:da score:23 filesize: 218.65 K page_count: 14 document date: 2021-11-15

[pdf] Accessories Price List

Price List Wireless February 1 2022 price list wireless q1 feb fortinet content dam assets partners state contracts |||

Identifier Accessories Product Type...

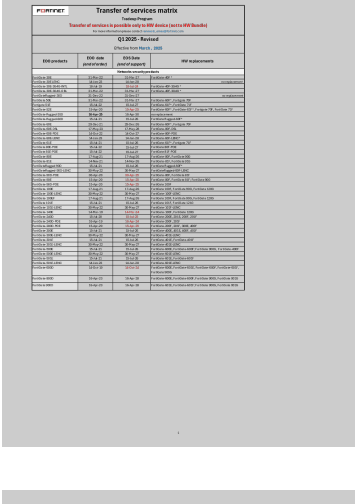
lang:en score:22 filesize: 217.97 K page_count: 14 document date: 2022-01-28

[pdf] Datasheet

Roberta Ceria Transfer of services matrix AVFirewalls Mar 13 2025 · is possible only to HW device not Bundle For more information please contact renewals emea@fortinet Q1 25 Trade Up Matrix srsltid AfmBOop7UeBRXaTNq68i0qqpFW4xpiI9mSXpq19JZ 8F6pIOjbc TAKw avfirewalls datasheets |||

Transfer of services matrix Tradeup Program Transfer of services is possible only to HW device not to HW Bundle For more information please contact renewals_emea fortinet.com Q1 2025 Effective from February 3rd , 2025 EOO products FortiGate-30E FortiGate-30E LENC FortiGate-30E-3G4G-INTL FortiGate...

lang:da score:22 filesize: 194.74 K page_count: 4 document date: 2025-02-04

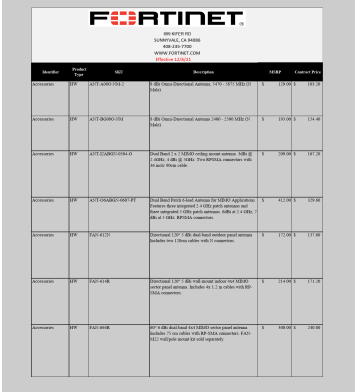


[pdf] Datasheet

Roberta Ceria Transfer of services matrix AVFirewalls Mar 22 2025 · is possible only to HW device not Bundle For more information please contact renewals emea@fortinet Q1 25 Trade Up Matrix revised March srsltid AfmBOoonDogILk4S DZvrjaK 8D1WFqQri7vS9d C6Jg9 53u dGb Ct avfirewalls datasheets |||

Transfer of services matrix Tradeup Program Transfer of services is possible only to HW device not to HW Bundle For more information please contact renewals_emea fortinet.com Q1 2025 - Revised Effective from March , 2025 EOO products FortiGate-30E FortiGate-30E LENC FortiGate-30E-3G4G-INTL FortiG...

lang:da score:22 filesize: 194.78 K page_count: 4 document date: 2025-03-13

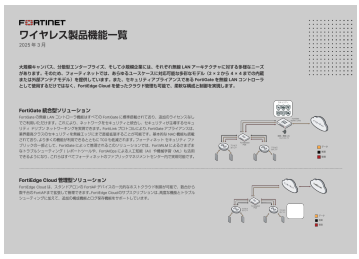


[pdf] Accessories Price List

Price List Wireless December 6 2021 Mississippi EPL 3760 Fortinet price list wireless q4 dec fortinet content dam assets partners state contracts |||

Identifier Accessories Product Type SKU HW ANT-A08O-NM-2 899 KIFER RD SUNNYVALE, CA 94086 408-235-7700 WWW.FORTINET.COM Effective 12/6/21 Description 8 dBi Omni-Directional Antenna, 5470 - 5875 MHz N Male MSRP Contract Price 129.00 103.20 Accessories HW ANT-BG08O-NM 8 dBi Omni-Di...

lang:en score:21 filesize: 210.95 K page_count: 13 document date: 2021-12-07

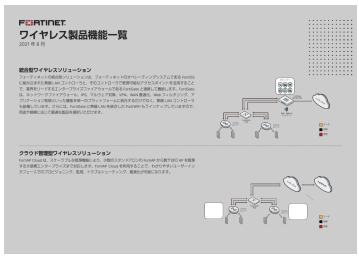


[pdf] Datasheet

Fortinet Wireless Product Matrix fortinet content dam assets data sheets ja jp |||

2025 3 LAN 2 2 4 4 FortiGate LAN FortiEdge Cloud FortiGate FortiGate LAN FortiGate ... mW 2 ** 5 GHz24 dBm / 251 mW 2 ** SSID Wi-Fi DFS 512 FCCICCE 512 FCCICCE FortiAP FortiAP U231F FortiAP U431F FortiAP U433F 003-210213 802.11ax 3 1 BLE 003-190145 80...

lang:i-klingon score:21 filesize: 1.64 M page_count: 11 document date: 2025-04-24

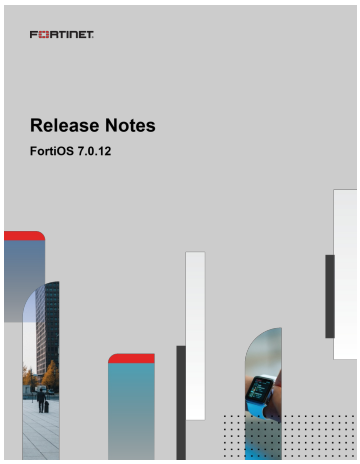


[pdf] Datasheet

fortinet WirelessProductMatrix content dam assets data sheets ja jp

2021 6 FortiOS LAN FortiGate FortiGate IPSVPNWAN Web LAN FortiGate LAN FortiWiFi For ... 2 2.4 GHz24 dBm / 251 mW 4 * 5 GHz25 dBm / 316 mW 4 * 512 FCCICCE FortiAP-U Wi-Fi 6 802.11ax FortiAP U231F FortiAP U431F FortiAP U433F 003-190145 003-190145 802.11ax 3 1BLE ...

lang:pt score:21 filesize: 1.15 M page_count: 8 document date: 2021-06-02

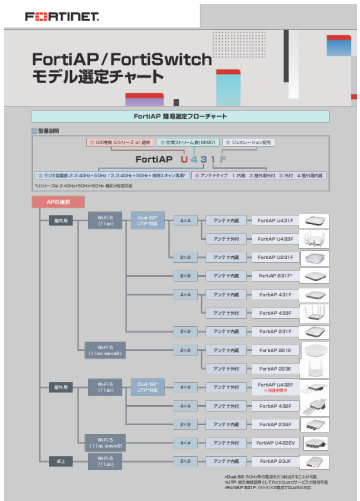


[pdf] Guide Release Notes

FortiOS 7 0 12 Release Notes Fortinet Inc fortios v7 release notes fortinetweb s3 amazonaws docs fortinet v2 attachments c7676a14 fe3d 11ed 8e6d fa163e15d75b |||

Release Notes FortiOS 7.0.12 FORTINET DOCUMENT LIBRARY https://docs.fortinet.com FORTINET VIDEO GU ... sue does not impact FortiAP operation. Unable to create FortiAP profile in the GUI for dual-5G mode FortiAP U231F/U431F models. Workaround: use the CLI to update the profile to dual-5G mode. ZTNA Bug...

lang:en score:20 filesize: 1.23 M page_count: 40 document date: 2023-07-19



[pdf] Datasheet

FortiAP FortiSwitch cat lan edge fortinet content dam assets data sheets ja jp |||

FortiAP / FortiSwitch SOLUTION LEAFLET FortiAP UU or MIMO FortiAPU 4 3 1 F 22.4GHz 5GHz / 32.4GHz 5GHz * *U 2.4GHz 5GHz 5GHz 1234 AP Wi-Fi 6 11ax Dual 5G* UTP* 44 FortiAP U431F FortiAP U433F 22 FortiAP U231F 88 FortiAP 831F* 44 FortiAP 431F FortiAP ...

lang:de score:19 filesize: 847.08 K page_count: 4 document date: 2022-10-05

Exhibit 1 - Category Pricing
C-22B-Networking

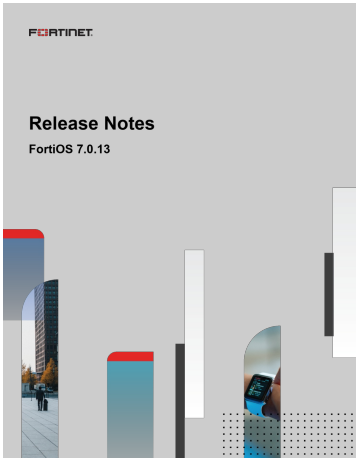
Manufacturer	Category	% off of Education MSRP by Single Transaction Amount			
		$0 - $99k	$100k - $499k	$500k - $999k	$1M+
Fortinet	Wireless Network Equipment - HW	28%	28%	28%	28%
Fortinet	Wireless Network Equipment - SW / SW Sub	15%	15%	15%	15%
Fortinet	Wired Network Equipment - HW	28%	28%	28%	28%
Fortinet	Wired Network Equipment - SW / SW Sub	15%	15%	15%	15%
Fortinet	Content Distribution Equipment	28%	28%	28%	28%
Fortinet	Support - 1SW with	15%	15%	15%	15%
Fortinet	Support - 24/6 48 Month	28%	28%	28%	28%
Fortinet	Subscriptions	15%	15%	15%	15%
Fortinet	Rack Supplies	0%	0%	0%	0%
Fortinet	FPS / Power Backup	0%	0%	0%	0%
Fortinet	Theft + Manager	0%	0%	0%	0%
Fortinet	Service - IT Engineering services	3%	3%	3%	3%
Fortinet	Service - Installation services	3%	3%	3%	3%
Fortinet	Services - Project Management	3%	3%	3%	3%
Fortinet	Services - Technical Support	3%	3%	3%	3%
Fortinet	Services - Managed Breakfast	0%	0%	0%	0%
Fortinet	Cables - CAT 6	0%	0%	0%	0%
Fortinet	Cables - Fiber	0%	0%	0%	0%
Fortinet	Accessories - Patch Panel	0%	0%	0%	0%

[pdf] Accessories Price List

Rob Vasks OETC Price List Oregon Networking Contract Fortinet OR PriceList fortinet content dam assets legal |||

Exhibit 1 - Category Pricing OETC-22B-Networking Manufacturer Category Fortinet Fortinet Fortinet Fortinet Fortinet Fortinet Fortinet Fortinet Fortinet Fortinet Fortinet Fortinet Fortinet Fortinet Fortinet Fortinet Fortinet Fortinet Fortinet Wireless Network Equipment - HW Wireless Network Equip...

lang:en score:19 filesize: 2.12 M page_count: 229 document date: 2022-08-10



FortiOS 7.0.13 Release Notes - Fortinet

Detailed release notes for FortiOS version 7.0.13, covering new features, enhancements, resolved issues, and known issues for Fortinet's network security operating system.

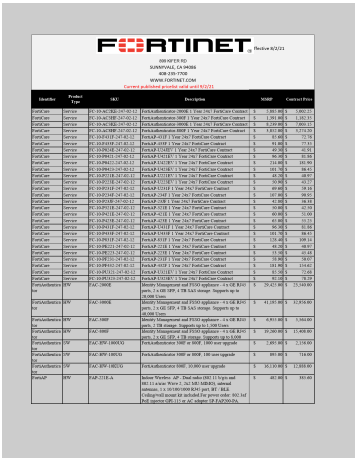
lang:en score:18 filesize: 1.28 M page_count: 48 document date: 2023-11-08

[pdf] Documentation Guide Release Notes

FortiOS 7 2 6 Release Notes Fortinet Inc il y a 5 jours — For documentation see the Document Library Supported models supports following FortiGate FG 40F 3G4G fortios v7 release notes fortinetweb s3 amazonaws docs fortinet v2 attachments b136ebc0 528c 11ee 8e6d fa163e15d75b |||

Release Notes FortiOS 7.2.6 FORTINET DOCUMENT LIBRARY https://docs.fortinet.com FORTINET VIDEO GUI ... LAN tunneled with a dynamic VLAN VAP. Unable to create FortiAP profile in the GUI for dual-5G mode FortiAP U231F/U431F models. In auth-logon and auth-logout logs, Wi-Fi users with random public IP ad...

lang:en score:18 filesize: 1.31 M page_count: 49 document date: 2023-10-03

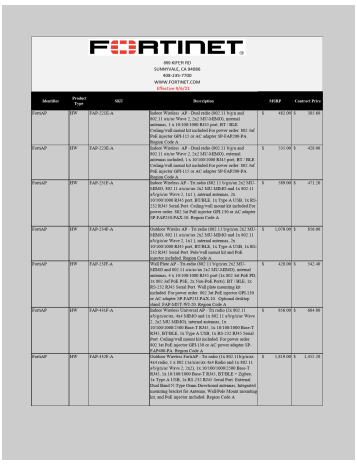


[pdf] Price List

Price List Wireless August 2021 Q3 price list wireless q3 august fortinet content dam assets partners state contracts |||

Effective 8/2/21 899 KIFER RD SUNNYVALE, CA 94086 408-235-7700 WWW.FORTINET.COM Current published pricelist valid until 9/2/21 Identifier Product Type SKU Description MSRP Contract Price FortiCare Service FortiCare Service FortiCare Service FortiCare Service FortiCare Service FortiCare Service Forti...

lang:en score:18 filesize: 204.24 K page_count: 6 document date: 2021-08-26



[pdf] Price List

Price List Wireless September 6 2021 price list wireless q3 sept fortinet content dam assets partners state contracts |||

Identifier FortiAP Product Type SKU HW FAP-221E-A FortiAP HW FAP-223E-A FortiAP HW FAP-231F-A FortiAP HW FAP-234F-A FortiAP HW FAP-23JF-A FortiAP HW FAP-431F-A FortiAP HW FAP-432F-A 899 KIFER RD SUNNYVALE, CA 94086 408-235-7700 WWW.FORTINET.COM Effective 9/6/21 Description M...

lang:da score:18 filesize: 206.25 K page_count: 12 document date: 2021-09-03

[pdf] Guide Release Notes

FortiOS 7 4 1 Release Notes Fortinet Inc WiFi Controller 51 Built in AV engine 52 Resolved issues IPS 53 fortios v7 release notes fortinetweb s3 amazonaws docs fortinet v2 attachments 4a186f2e 3af8 11ee 8e6d fa163e15d75b |||

Release Notes FortiOS 7.4.1 FORTINET DOCUMENT LIBRARY https://docs.fortinet.com FORTINET VIDEO GUI ... d not be allowed in certain countries. Unable to create FortiAP profile in the GUI for dual-5G mode FortiAP U231F/U431F models. In auth-logon and auth-logout logs, Wi-Fi users with random public IP ad...

lang:en score:18 filesize: 673.58 K page_count: 55 document date: 2023-08-31