Integrado Multi-Threat PBX IP y seguridad

The Fortinet FortiWiFi Voice-80CS is a multi-function security platform that protects voice and data communications for remote and branch offices. It combines the functionality of a multi-threat UTM security gateway, IP PBX, wireless LAN, VPN with strong encryption, router, and Ethernet switch into a single, integrated device.

The FortiWiFi Voice-80CS platform meets the needs of small and medium sized organizations, as well as branch or remote offices. The single platform with its consolidated management console reduces the costs associated with configuring and managing your network security, VoIP security, IP PBX, and wireless LAN.

The FortiWiFi Voice-80CS provides basic and advanced IP PBX functionality, as well as the widest range of threat management technologies available on the market. The IP PBX features include voicemail, message notification and unified messaging with interactive voice response (IVR). It provides support for SIP Trunking (Class 5 PSTN bypass) and supports standard SIP terminals, including hard- and softphones, WiFi phones, and SIP applications. In addition to SIP, the FortiWiFi Voice-80CS also supports integration with POTS and ISDN networks via analog telephone adapters (ATA).

**FortiWiFi Voice-80CS Benefits**

- Integrated, all-in-one business gateway delivers enterprise-class multi-threat protection and IP PBX functionality for small businesses and branch offices.
- Lowers infrastructure costs by eliminating need for separate security gateway and IP PBX devices.
- Reduces WAN costs by enabling SIP trunking for integrated voice and data communications.
- Reduces LAN costs by supporting both wired and wireless LAN environments.
- Switched interfaces eliminate the need for additional networking device, reducing equipment investment and management burden.
- Available FortiManager and FortiAnalyzer appliances simplify security management and reduce operating expenses in multiple deployments.
## FortiWiFi Voice-80CS Features

<table>
<thead>
<tr>
<th>Feature</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Firewall Throughput (1518 byte UDP packets)</td>
<td>1 Gbps</td>
</tr>
<tr>
<td>Maximum Firewall Throughput (512 byte UDP packets)</td>
<td>500 Mbps</td>
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<tr>
<td>Maximum IPSec VPN Throughput</td>
<td>100 Mbps</td>
</tr>
<tr>
<td>Maximum Antivirus Throughput</td>
<td>65 Mbps</td>
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<tr>
<td>Maximum IPS Throughput</td>
<td>200 Mbps</td>
</tr>
<tr>
<td>Maximum Concurrent Sessions</td>
<td>400,000</td>
</tr>
<tr>
<td>Network Interfaces</td>
<td>2 10/100/1000 Base-T (WAN), 8 10/100 Base-T (6 switch/LAN, 1 DMZ), 1 10/100 Base-T (DMZ)</td>
</tr>
<tr>
<td>Wireless Standards Supported</td>
<td>802.11 a/b/g/n</td>
</tr>
</tbody>
</table>
FortiWiFi® Voice-80CS
Integrated Multi-Threat Security and IP PBX

Unified Business Gateway
The Fortinet FortiWiFi Voice-80CS is a multi-function security platform that protects voice and data communications for remote and branch offices. It combines the functionality of a multi-threat UTM security gateway, IP PBX, wireless LAN, VPN with strong encryption, router, and Ethernet switch into a single, integrated device. The FortiWiFi Voice-80CS platform meets the needs of small and medium sized organizations, as well as branch or remote offices. The single platform with its consolidated management console reduces the costs associated with configuring and managing your network security, VoIP security, IP PBX, and wireless LAN.

Embedded IP PBX Feature Set
The FortiWiFi Voice-80CS provides basic and advanced IP PBX functionality, as well as the widest range of threat management technologies available on the market. The IP PBX features include voicemail, message notification and unified messaging with interactive voice response (IVR). It provides support for SIP Trunking (Class 5 PSTN bypass) and supports standard SIP terminals, including hard- and softphones, WiFi phones, and SIP applications. In addition to SIP, the FortiWiFi Voice-80CS also supports integration with POTS and ISDN networks via analog telephone adapters (ATA). It also includes automatic call distribution (ACD), ad hoc conferencing and conference bridges, as well as configurable dial plans and direct inward dialing (DID). Its management features include system monitoring, statistics and logging data as well.

Comprehensive Threat Protection
The FortiWiFi Voice-80CS platform also provides comprehensive threat protection with Fortinet’s FortiOS™ enterprise-grade security and networking technologies. It integrates firewall, IPSec and SSL VPN, antivirus, antispam, intrusion prevention and web filtering into a single device at a single price. It includes data loss prevention (DLP), application control, and endpoint network access control (NAC) as well. In addition, Fortinet’s Global Threat Research Team is on duty around the clock and around the world, looking for any changes in the threatscape. It delivers dynamic threat updates that protect your network against emerging threats.

Wireless Flexibility
The FortiWiFi Voice-80CS allows you to protect new and legacy wireless LAN environments with its 802.11 a/b/g/n support. It gives you the flexibility to deploy both wired and wireless devices while using a single platform to enforce all network security policies. The Express Card slot enables optional 3G wireless WAN connectivity, ensuring data connectivity in the event of a network failure.

### Features and Benefits

<table>
<thead>
<tr>
<th>Features</th>
<th>Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Integrated data and VoIP security and IP PBX</td>
<td>Enables small and medium businesses, and ROBOs of larger organizations to deploy enterprise-grade voice and data security</td>
</tr>
<tr>
<td>Single device reduces costs</td>
<td>Manages all security and IP PBX functionality from a single console, lowering costs and reducing deployment challenges</td>
</tr>
</tbody>
</table>
**Technical Specifications**

<table>
<thead>
<tr>
<th>Hardware Specifications</th>
<th>FortiWiFi Voice-80CS</th>
</tr>
</thead>
<tbody>
<tr>
<td>10/10/1000 WAN Interfaces (Copper, RJ-45)</td>
<td>2</td>
</tr>
<tr>
<td>10/100 Switch Interfaces (Copper, RJ-45)</td>
<td>6</td>
</tr>
<tr>
<td>10/100 DMZ Interfaces (Copper, RJ-45)</td>
<td>1</td>
</tr>
<tr>
<td>Console (Copper, RJ-45)</td>
<td>1</td>
</tr>
<tr>
<td>USB Interfaces</td>
<td>2</td>
</tr>
<tr>
<td>Express Card Slot</td>
<td>1</td>
</tr>
<tr>
<td>Wireless Standards Supported</td>
<td>802.11 a/b/g/n</td>
</tr>
</tbody>
</table>

**System Performance**

- Firewall Throughput (1518 byte UDP packets): 1 Gbps
- Firewall Throughput (512 byte UDP packets): 500 Mbps
- IPSec VPN Throughput: 100 Mbps
- IPS Throughput*: 200 Mbps
- Antivirus Throughput*: 65 Mbps
- Gateway-to-Gateway IPSec VPN Tunnels (System / VDOM): 500 / 50
- Client-to-Gateway IPSec VPN Tunnels: 1,300
- Concurrent Sessions: 400,000
- New Sessions/Sec: 10,000
- Concurrent SSL VPN Users (Recommended Max): 100
- Virtual Domains (Max / Default): 10 / 10
- Maximum Number of Policies (System / VDOM): 5,000 / 500
- Unlimited User Licenses: Yes

**Dimensions**

- Height x Width x Length (in): 1.75 x 10.87 x 6.13 in.
- Height x Width x Length (cm): 44.5 x 276.1 x 155.7 cm
- Weight: 3.5 lbs (1.59 kg)
- Rack Mountable: No

Antivirus performance is measured based on HTTP traffic with 32 Kbyte file attachments and IPS performance is measured based on UDP traffic with 512 byte packet size. Actual performance may vary depending on network traffic and environments.

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**FortiWiFi Voice-80CS Voice Network**

- **Telecom Service Provider**
  - Connects office to traditional Local Exchange Carrier (LEC)

- **VoIP Service Provider**
  - Connects office to NGN/IMS VoIP service provider (“SIP Trunking”)

- **Corporate Network**
  - Connects office to corporate network (“Toll Bypass”)

- **Small / Medium Business or Remote Office**
  - WIFI SIP Phones or SIP applications
  - SIP Hard phone (FortiFone)
  - SIP Soft - Client
  - POTS/ISDN
  - ATA

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**Voice Network Consolidation**

The FortiWiFi Voice-80CS platform allows you to consolidate all of your voice traffic into a single platform. Integrating VoIP and POTS into a single point of control enables you to reduce your telephony costs by consolidating multiple products.

The FortiWiFi Voice-80CS gives you the flexibility you need to connect your small offices / branch offices with traditional Telcos, VoIP service providers, as well as the corporate voice and data network.