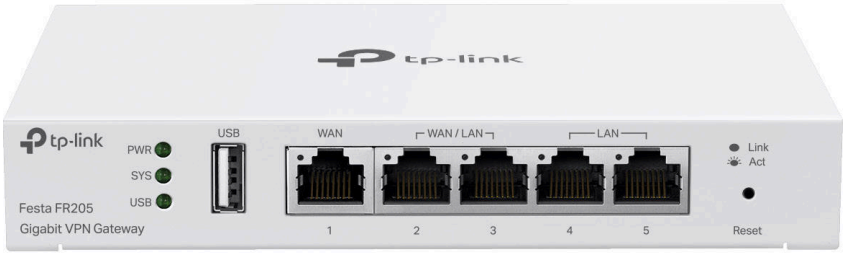
Festa VPN Gateway | Datasheet

Festa FR205

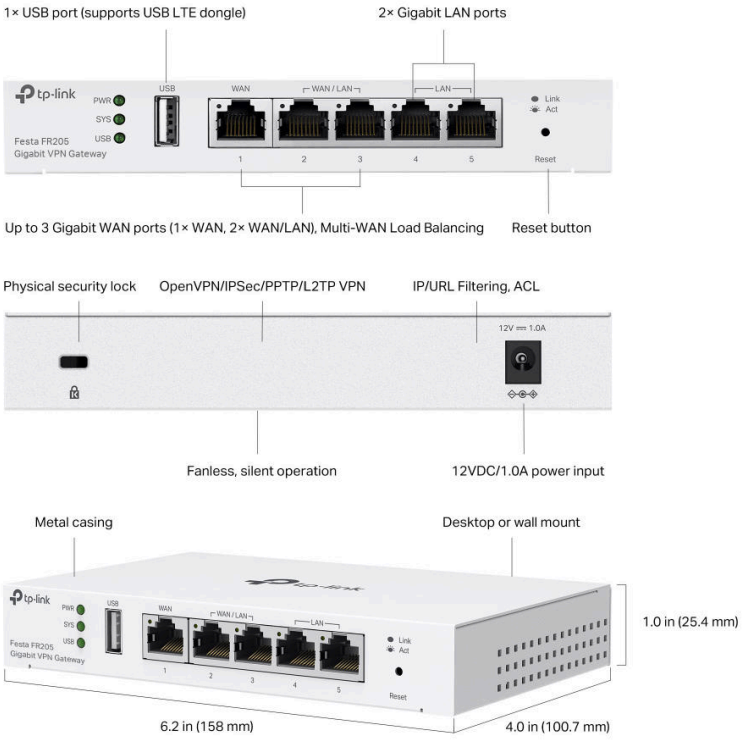
Gigabit VPN Gateway



Highlights

- **Free Cloud Centralized Management:** Accessible via the Festa app or the web[†].
- **Easy Setup and Use:** No professional IT technician is required. Festa App, Self-Organizing Networking, and Zero-Touch Provisioning technology make it a breeze.
- **Complete Festa Ecosystem:** Business-class features with consumer-inspired simplicity. It's ideal for small businesses, home offices, cafes, retail, prosumers, advanced consumers, and large households.
- **5× Gigabit Ports:** 1× WAN, 2× WAN/LAN, and 2× LAN ports for high-speed Gigabit connectivity.
- **1× USB WAN Port:** Enables mobile broadband backup via a 4G/3G modem[‡].
- **Load Balancing on Up to 3 WAN Ports:** Optimizes multi-line broadband utilization.
- **High-Security VPN Options:** Supports IPSec, PPTP, L2TP, and OpenVPN.
- **Business-Level Quality:** Features an elegant metal casing and a design suitable for desktop or wall mounting.

Product Pictures



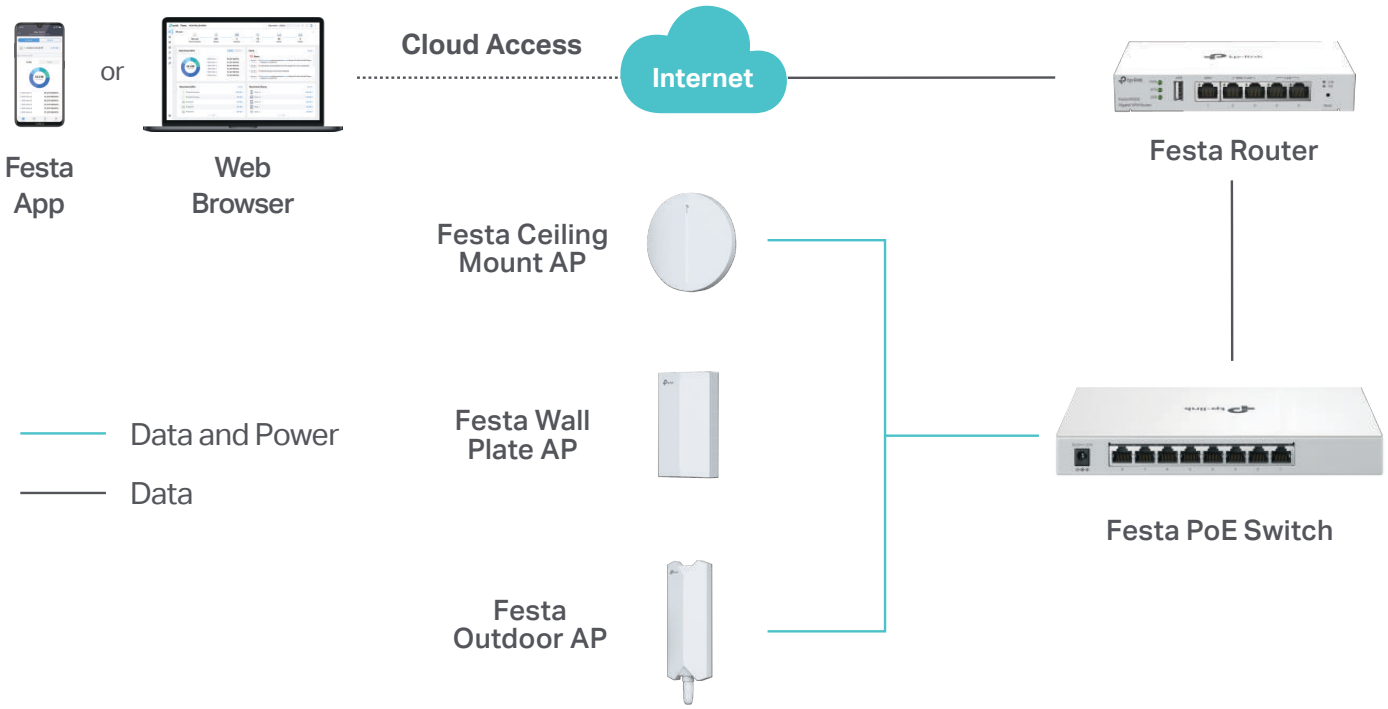
Festa Solution

Festa unifies APs, switches, and gateways for full cloud-based management, offering an easy, effective, and reliable business-level network controlled via app or web. Perfect for small businesses, home offices, and cafes.

Easy Setup and Use

Free Cloud Centralized Management†

Easy Maintenance



†Festa currently offers free cloud access for centralized management and reserves the right to apply fees in the future.

Specifications

Model		Festa FR205
Product Picture		
Product Description		Gigabit VPN Gateway
Hardware	Standards and Protocols	IEEE 802.3, IEEE802.3u, IEEE802.3ab, IEEE 802.3x, IEEE 802.1q TCP/IP, DHCP, ICMP, NAT, PPPoE, NTP, HTTP, HTTPS, DNS, IPSec, PPTP, L2TP, OpenVPN, SNMP
	Interface	1 Gigabit WAN port 2 Gigabit LAN/WAN ports 2 Gigabit LAN ports
	USB	1 USB2.0 (supports USB LTE dongle[1])
	Network Media	10BASE-T: UTP category 3, 4, 5 cable (Max 100 m) EIA/TIA-568 100Ω STP (Max 100 m) 100BASE-TX: UTP category 5, 5e cable (Max 100 m) EIA/TIA-568 100Ω STP (Max 100 m) 1000BASE-T: UTP category 5e, 6 cable (Max 100 m)
	Button	Reset Button
	Power Supply	External 12 V/1 A DC Adapter
	Flash	128 MB NAND
	DRAM	256 MB DDR
	LED	PWR, SYS, WAN (Link/Act), LAN (Link/Act), USB
	Power Consumption (max.)	7.94 W
	Dimensions (W x D x H)	6.2 × 4.0 × 1.0 in (158 × 100.7 × 25.4 mm)
SDN Support	Cloud Controller	Automatic Device Discovery Intelligent Network Monitoring Abnormal Event Warnings Unified Configuration Captive Portal Configuration
	Festa App	
Performance[2]	Concurrent Session	150,000
	New Sessions /Second	2,600
	66 Byte Packet forwarding rate	Upload/Download: 954.50 Mbps Bi-Directional: 1130.00 Mbps
	1518 Byte Packet forwarding rate	Upload/Download: 997.50 Mbps Bi-Directional: 1965.00 Mbps

1. For the complete compatibility list of 4G/3G modem, go to https://www.tp-link.com/festa-fr205/compatibility/
2. Rated specifications are based on test results using software version 1.20. Device performance may vary as a result of the actual scenario.

Model		Festa FR205
Performance[1]	IPSec VPN Throughput	ESP-SHA1-AES256: 259.78 Mbps ESP-SHA256-AES256: 260.81 Mbps ESP-SHA384-AES256: 37.65 Mbps ESP-SHA512-AES256: 38.32 Mbps
	OpenVPN	21.70 Mbps
	L2TP VPN Throughput	Unencrypted: 640.99 Mbps Encrypted: 77.31 Mbps
	PPTP VPN Throughput	Unencrypted: 759.55 Mbps Encrypted: 75.80 Mbps
Basic Functions	WAN Connection Type	Static IP Dynamic IP PPPoE (supports MRU Configuration) PPTP L2TP
	DHCP	DHCP Server DHCP Options Customization Multi-IP Interfaces Multi-Net DHCP
	MAC Clone	Modify WAN MAC Address
	IPTV	IGMP v2/v3 Proxy, Custom Mode, Bridge Mode
	IPv6	StaticIP / SLAAC / DHCPv6 / PPPoE / 6to4Tunnel / PassThrough / Non-Address mode
	Stateful ACL	√
	Bridge VLAN	√
	VLAN	802.1Q VLAN
Transmission	Load Balance	Intelligent Load Balance Application Optimized Routing Link Backup (Timing, Failover) Online Detection
	Routing	Static Routing Policy Routing
	Bandwidth Control	IP-based Bandwidth Control
	Port Forwarding	√
	NAT-DMZ	√

1. Rated specifications are based on test results using software version 1.0. Device performance may vary as a result of the actual scenario.

Model		Festa FR205
VPN	IPSec VPN	20 IPSec VPN Tunnels LAN-to-LAN, Client-to-LAN Main, Aggressive Negotiation Mode DES, 3DES, AES128, AES192, AES256, SHA2-384 and SHA2-512 Encryption Algorithm IKE v1/v2 MD5, SHA1 Authentication Algorithm, SHA2 Authentication Algorithm NAT Traversal (NAT-T) Dead Peer Detection (DPD) Perfect Forward Secrecy (PFS)
	PPTP VPN	PPTP VPN Server PPTP VPN Client (10)[1] 16 Tunnels PPTP with MPPE Encryption
	L2TP VPN	L2TP VPN Server L2TP VPN Client (10)[1] 16 Tunnels L2TP over IPSec
	OpenVPN	OpenVPN Server OpenVPN Client (10)[1] 50 OpenVPN Tunnels "Certificate + Account" Mode Full Mode
Security	Filtering	URL Filtering
	Access Control	Source/Destination IP Based Access Control
Management	Service	Dynamic DNS (Dyndns, No-IP, Peanuthull, Comexe, DDNS Customization)
	Maintenance	Web Management Interface SNMP v1/v2c/v3 Port Mirroring Syslog Support
Others	Certification	CE, FCC, RoHS,VCCI, BSMI, KC
	Package Contents	Festa FR205, Power Adapter, RJ-45 Ethernet Cable, Quick Installation Guide, Silicone Feet
	System Requirements	Microsoft Windows 98SE, NT, 2000, XP, Vista™ or Windows 7/8/8.1/10/11, MAC OS, NetWare, UNIX or Linux
	Environment	Operating Temperature: 0 °C to 40 °C (32 °F to 104 °F) Storage Temperature: -40 °C to 70 °C (-40 °F to 158 °F) Operating Humidity: 10% to 90% non-condensing Storage Humidity: 5% to 90% non-condensing

1. Festa FR205 can work as a VPN client and can connect with up to 10 VPN servers.

†Festa currently offers free cloud access for centralized management and reserves the right to apply fees in the future.

‡For the complete compatibility list of 4G/3G modem, go to https://www.tp-link.com/en/festa-fr205/compatibility/

* Some models featured in this guide may be unavailable in your country or region. Visit TP-Link website for local sales information: www.tp-link.com.

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