

Grandstream GCC6010 IP PBX Combined Router (GCC6010)

Product Name: Grandstream GCC6010 IP PBX Combined Router (GCC6010)

Manufacturer: Grandstream

Model Number: GCC6010



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The Grandstream GCC6010 series provides an extraordinary all-in-one solution that redefines the communications experience by merging your unified communications and networking solutions into one platform. These state-of-the-art devices combine the functionality of 4 products to provide an all-in-one solution that includes a VPN router, next-generation firewall, IP PBX, and network switch or Wi-Fi access point. With the GCC Series, you can create and manage wired, wireless, and VPN networks, provide enterprise-grade network security, and utilize a market-leading communication and collaboration platform. These flexible devices provide unified management and centralized control of all Grandstream endpoint solutions, including Wi-Fi APs, network switches, IP Phones, and more. The GCC Series allows full UC, networking, and security solutions to be configured in minutes and managed through the cloud with the Grandstream Device Management System (GDMS), and can also be managed through our mobile app, local Web UI, and SSH console management. Ideal for small-to-medium sized businesses, the GCC6010 Series provides an all-in-one platform that combines all business data, security, communication, and collaboration needs into one device – making it easier and more affordable than ever to build state-of-the-art communication solutions.

Grandstream GCC6010 Key Features:

- Built-in IP PBX provides voice and video communications with advanced collaboration features
- Built-in enterprise-grade firewall provides anti-virus, layer 3-7 IDS/ IPS, DPI, SSL detection, and more
- Built-in VPN router supports 2.5Gbps or 3Gbps to allow easy remote access to private networks
- 5 Gigabit ports provide a network switch; GCC6010: 4x PoE out ports, 2x 2.5 Gigabit SFP ports
- Easily configure, deploy, and manage all Grandstream endpoint solutions from one central location
- Provides advanced security protection with encrypted traffic, secure booth, unique security certificates, and more
- Managed through the cloud (GDMS), mobile app, local WEB UI, SSH, and SNMP
- Multiple WAN ports with loadbalancing and failover to maximize connection reliability

Grandstream GCC6010 Technical Specifications

General

- Network Ports: 2 x 2.5 Gigabit SFP ports and 5 x Gigabit Ethernet ports *All ports are WAN/LAN configurable, max 3x WAN
- Auxiliary Ports: 1xMicro-SD, 1xUSB 3.0, 1xReset
- Memory: 2GB RAM, 32GB eMMC Flash
- External Storage: N/A
- Router: 2.5Gbps
- IPsec VPN Throughput: 1Gbps
- NAT Sessions: 160K
- IDS/IPS: 900Mbps
- PB: 12 users and 4 concurrent calls by default Upgrades available for purchase (See more for PBX capacity upgrade options)
- PoE Output: 4 x PoE out ports, IEEE802.3af/at, Maximum PoE Wattage: 36W
- Mounting: Desktop and Wall-mountable

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Material: Metal

LEDs: 7x single LEDs , 4x PoE LEDs, and 1x RGB LED for device tracking and status indication

Connection Type: DHCP, Static IP, PPPoE

Network Protocols: IPv4, IPv6, IEEE802.1q ,IEEE 802.1p, IEEE802.1x, IEEE802.3, IEEE 802.3u, IEEE 802.3x,IEEE802.3ab

QoS: • VLAN, TOS • Support multiple traffic classes, filter by port, IP address, DSCP, and policing • App QoS: Application/protocol monitoring and traffic statistics • VoIP Prioritization

Firewall: • DDNS, Port Forwarding, DMZ, UPnP, DoS & Spoofing defense, traffic rules, NAT • DPI, Anti-Virus, IPS/IDS, SSL Proxy • Content Control: DNS filtering, web url/class/key words filtering, application identification and control

VPN: • IPsec VPN Client-to-Site / Site-to-Site • IPsec Encryption: 3DES, AES • IPsec Authentication: MD5, SHA-1, SHA2-256 • IPsec Key Exchange: Main/Aggressive Mode, Pre-shared Key, DH Groups 1/2/5/14 • IPsec Protocols: ESP • IPsec NAT Traversal • PPTP VPN Server / Client • PPTP Encryption: MPPE 40-bit, 128-bit • PPTP/L2TP Authentication: MS-CHAPv1/2 • L2TP Client-to-Site • OpenVPN®; Server / Client • OpenVPN®; Encryption: AES, DES • OpenVPN®; Authentication: MD5, SHA-1, SHA2-256, SHA2-384, SHA2-512 • OpenVPN®; Certificate: RSA • WireGuard®;

Network Management: Grandstream Device Management System (GDMS), Local Web GUI, SSH, and SNMP (v1/ v2c/v3))

Max AP/Clients Up to 150 GWN APs; Up to 500 Clients

Power and Green Energy Efficiency: Universal power adaptor included: Input 100-240VAC 50-60Hz Output: 48VDC 1A (48W); 4 x PoE out ports, IEEE802.3af/at Maximum PoE Wattage: 36W

Environmental: Operation: 0°C to 45°C Storage: -30°C to 60°C Humidity: 5% to 95% Non-condensing

Physical: Unit Dimension: 191x 101 x 29mm Unit Weight: 520g Entire Package Dimension: 300 x 130 x 53 mm Entire Package Weight: 835g

Package Content: GCC6010, Universal Power Supply, Quick Installation Guide

Compliance FCC, CE, RCM, IC

Price: £168.30