

Grandstream UC + Networking Convergence Solutions (GCC6020)

Product Name: Grandstream UC + Networking Convergence Solutions (GCC6020)

Manufacturer: Grandstream



Model Number: GCC6020

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The Grandstream GCC6020 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. 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, CLI and SSH console management. Ideal for small and medium businesses, the GCC6020 Series provides an all-in-one platform that combines all business data, security, communication, and collaboration needs into one device – making it easier than ever to build state-of-the-art communication solutions.

Grandstream GCC6020 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 6.5Gbps or 10Gbps to allow easy remote access to private networks
- 4 Gigabit ports provide a network switch; 5 PoE out ports; both have 2.5 Gigabit and 10 Gigabit SFP+ ports
- Enhanced reliability with support for hot standby High-Availability
- Easily configure, deploy, and manage all Grandstream endpoint solutions from one central location
- Provides advanced security protection with encrypted traffic, secure boot, unique security certificates, and more
- Managed through the cloud (GDMS), mobile app, local WEB UI, SSH, SNMP and CLI
- Multiple WAN ports with load balancing and failover to maximize connection reliability

Grandstream GCC6020 Technical Specifications

Mechanical

- Network Ports: 1x 10 Gigabit SFP+ ports, 1x 2.5 Gigabit and 4x Gigabit Ethernet ports *All ports are WAN/LAN configurable, max 3xWAN
- Auxiliary Ports: 1xCONSOLE, 1xUSB3.0
- Memory: 4GB RAM, 32GB eMMC
- External Storage: M.2 SSD
- Router: 6.5Gbps
- IPsec VPN Throughput: 1.3Gbps
- NAT Sessions: 320K
- NGFW Throughput (DPI+IPS): 6Gbps
- PBX: 50 users and 16 concurrent calls by default Upgrades available for purchase
- Mounting: Desktop, Wall, and Rack-mountable

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Material: Metal

LEDs 1x LED for SFP+, 5x LED(G) for Ethernet Ports , 5x LED(Y) for PoE Out, 1x LED(R/G/B) for device tracking and status indication, 1x LED for main power, 1x LED for Redundant Power System

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 • Email Security, Geo-IP filtering

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 • 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), GWN App, Local Web GUI, SSH, SNMP (v1/ v2c/v3) and CLI

Max AP/Clients: Up to 300 GWN APs; Up to 500 Clients

Power and Green Energy Efficiency: Universal power adaptor included: Input 100-240VAC 50-60Hz, Output: 54VDC 2.8A (150W); 5 x PoE out ports support IEEE802.3af/at, Maximum PoE Wattage: 120W RPS Input: 54VDC/2.8A

Environmental: Operation: 0°C to 45°C Storage: -10°C to 60°C Humidity: 5% to 95% Non-condensing

Physical: Unit Dimension: 280 x 185.5 x 44 mm; Unit Weight: 1.5KG Entire Package Dimension: 384 x 209.5 x 60 mm ; Entire Package Weight: 2.1KG

Package Content: GCC6020, Universal Power Supply, Rack mount kit, Quick Installation Guide

Compliance: FCC, CE, RCM, IC

Price: \$376.12