

ComIoT GL60

AP Access Controller

Product Specifications



- Multi-WAN, Full Speed Gigabit Network Port
- Auto AP Discovery and Centralized AP Management
- Manage 64 AP units and 80 user access.
- Support Web Remote Management and Real Time Status

Product Features

Gigabit Multi-WAN Port High Speed Broadband Router

- Default 1 gigabit WAN port, 4 Gigabit LAN ports. High Speed Transmission
- Support line backup: Router can automatically switch to other WAN ports to send and receive data when any WAN port fails, which greatly improves the reliability of wireless network.
- Multi-broadband overlay, Multiple ISP line can access at the same time, make rational use of the bandwidth, reduce the cost; Support intelligent load balancing; intellectualize the number of users, network traffic, wireless signal effectively balanced, sharing the broadband to each equipment equally and no blocking, no offline, enhance the user Internet experience.

Automatic discovery and unified to manage wireless AP, up to 64PCS wireless AP can be managed and 80 end user can access.

- Automatic discovery of all Aps working in thin AP (FIT AP) mode, and unified configuration and management of AP to achieve zero-configuration access to AP, Plug and Play.
- Support accurate seamless roaming and intelligent channel analysis, support manual adjustment of AP transmission RF power, reduce mutual Wi-Fi interference between AP, improve the wireless network quality
- Support load balancing based on the number of access users. Through policy rules, AC can dynamically adjust the uniform distribution of users among different AP.

Multi-in-one Enterprise Flow Control

- Integrated router, flow control, load balancing, firewall, behavior management, VPN functions all in once, one device can create multiple solutions to reduce equipment cost; Zero configuration, simple deployment, easy installation, efficient maintenance.

Precision intelligent DPI seven-layer flow control function, AI automatic learning and continuous automatic optimization of the network.

- Simple and easy intelligent flow control function, only one switch can be turned on.
- Recognition Technology Based on Traffic Size and Traffic Characteristics, Calculation of Dealing with Fairness and Control Network Delay.
- Support IP-shunt and session-shunt, bandwidth overlay and no dropping off at the same time. Powerful shunt rules based on combination of IP address, time, port, routing table, application, shunt and weight, meet with various shunt requirements.

Policy Broadband Control

- According to IP address, authenticated user, user level, user department and time conditions. It can precisely limit the maximum traffic and the maximum number of TCP and UDP connections of users on each line. In the case of tight broadband, it can automatically apply priority, so that games and web pages should have priority, more P2P downloads will not affect the online experience.

Flexible firewall module, intranet information security controllable

- Firewall module based on layer 7 can configure release or organization strategy according to address, user, level, department cooperation time, destination address, and destination port.
- Policy control can be carried out for designated applications, designated ports and designated external network lines.
- There are port mapping, source address translation, intranet DDOS protection functions.
- IP-MAC Binding function to prevent intranet ARP attacks.

Multiple User Access Authentication and Intelligent Cloud Management

- Support VPN, private network with encrypted communication, ensure the security of remote access.
- Support wireless marketing function, MAC authentication / Portal authentication / Wechat authentication and Web authentication to meet the need of different users and different scenarios. (For China Mainland Use Only)
- Support cloud platform management, remote centralized management and maintenance across regions.

Support Behavior Management

- Support behavior management can completely block P2P software, P2P flow control and broadband distribution, effectively manage file transmission and fully control illegal web site surfing network behavior.

Intelligent QoS Policy

- Through IP-based network traffic speed limit mechanism and NAT table restriction mechanism, it can effectively control the excessive occupation of network width by P2P software such as Bit torrent (BT).
- Support QoS policy configuration for IP segment/IP range in a shared and exclusive manner in a specific time period to meet user's flexible business configuration requirements.

Hardware Specifications

Standard and Protocols	IEEE 802.3, 802.3u, 802.3ab TCP/IP, DHCP, ICMP, NAT, PPPoE, SNTP, HTTP, DDNS, IPsec, PPTP, L2TP、 CAPWAP Protocol
CPU	MT7621
DDR	256M
Flash	16M
Heat Dispersion	Natural Heat Dissipation
Interface	4 × Gigabit Ethernet LAN Port (Can Setup to Multiple WAN)
	1 × Gigabit Ethernet WAN Port
Power Supply	AC: 100-240V, 50HZ

Dimensions	278mm x 180mm x 38mm
Operation Temperature	-20°C ~ 55°C
Storage Temperature	-40°C ~ 70°C
Operation Humidity	5% ~ 97%RH (No condensing)

Software Functions

AP Management	Maximum number of management users: 80 users
	Manage up to 64 AP
	Support Wireless AP configuration via centralized and remote management
	User Status Viewer
Smart Flow Control	One-click smart flow control
	Powerful multi pipeline shunt
	Automatic apply priority
Load Balancing	Multi-WAN, Multi-ISP Access
	Smart Load Balancing
	Link Redundancy/Backup
	Multi-WAN
	Routing Policy: based on source IP address, destination IP address, source MAC address, network interface, domain name, destination port, external network interface, identity binding and other policies.
	Protocol Binding
	Online diagnostics
Routing Function	Static Routing
Behavior Management	Comprehensive blocking of P2P application
	P2P flow control and bandwidth allocation
	File Transfer and URL Filtering
	Full control of online behavior
Bandwidth Control	IP based bandwidth control
	Guaranteed / Limited Bandwidth
	Time strategy

	IP-based session restrictions
Security center	MAC address filtering
	URL / keyword filtering
	Web content filtering
	IP address filtering
	Port forwarding
	DMZ
Defense Center	TCP / UDP / ICMP flood defense
	Block TCP scanning
	Block PING WAN port
ARP inspection	Sending GARP packets
	ARP scan on WAN / LAN port
	IP-MAC binding
Others	DDNS, VPN management
Package Contents	Main Device x 1
	Power Cord x 1
	Mounting accessories
	User Manual x 1

Order Information

Product Model	Product Description
ComIoT GL60	Complete Product Unit including 1 x Main Device 1 x Power Cord 1 x Mounting Accessories 1 x User Manual (Optional)

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