Navijin

DATASHEET

WIRELESS INFRASTRUCTURE / GATEWAY & AC CONTROLLER

NG-GE5500

Enterprise Gateway & WLAN Controller

PRODUCT PAGE

NG-GE5500



Overview

The Navijin NG-GE5500 is a gateway and wireless controller for centralized network management – Enterprise Gateway & WLAN Controller. Key specifications include: Highlights. It combines routing, Internet access control and management of Navijin access points in one device, making it ideal for hotels, offices, campuses, hospitals and multi-branch businesses.

Hardware Specifications

Protocol	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab TCP/IP, DHCP, ICMP, NAT, PPPoE, SNTP, HTTP, DDNS, IPsec, PPTP, L2TP, CAPWAP
ROM	1x SATAIII 2.5 inch hard disk, capacity is changeable / 1x M-SATA SSD, default: 8GB 1x TYPEII CF card / 1x SATA DOM (share hard disk interface)
RAM	2GB DDR3 1333/1600
Heat Dissipation	Super silent ball fan
Ports	5x 10/100/1000Mbps LAN Ports 1x 10/100/1000Mbps WAN Port 2x USB2.0 Ports 1x Console Port
Power	AC 90-264V @ 47-63Hz / 75W Consumption
Dimensions	430mm x 300mm x 44mm
Working Temperature	-0°C~50°C

Storage Temperature	-40°C ~ 70°C
Working Humidity	5% ~ 97%RH (No condensation)

Firmware features

AP Management

- Max to access and manage 1000 users
- Max to manage 500PCS wireless AP
- Centrally and remotely to manage/configure wireless AP
- User's status checking

Smart Flow Control

- No-configuration intelligent flow control
- Powerful multi-line diversion
- Application Priority Automatically

Load Balance

- Multiple WAN, multiple ISP network access
- Intelligence load balance
- Ethernet line backup
- Ethernet overlay
- Policy routing: based on IP address, destination IP address, source MAC address, network port, domain, destination port, Extranet port, Identity binding
- Protocol binding
- Online detection

Routing

- Static Routing

Behavior Management

- All-round to block P2P firmware
- P2P flow control and bandwidth allot
- File and URL filter
- Monitor network behavior at all times

VPN

- L2TP, PPTP, OpenVPN, IPSec

Bandwidth Limitation

- IP-based bandwidth limitation
- Safeguard / Restrict bandwidth
- Time strategy
- IP based session restriction

Security Center

- MAC address filter
- UPR/key words filter
- Web content filter
- IP address filter
- Port mapping
- DMZ

Defense Center

- TCP/UDP/ICMP flood defense
- Block TCP scanning
- Block ping WAN port

ARP Detection

- Send GARP packets
- ARP Scanning on WAN/LAN port
- Online detection
- IP-MAC binding

Authentication

- Portal auth; 3rd Radius billing auth; Account auth, SMS auth

Management

- Web/CLI/Telnet management
- Remote management

Others

- DDNS, VPN management

Warranty & support Local RMA and technical support through our regional hub in Dubai and our authorized partners. Certificates and project pricing on request. **navijin.com · sales@navijin.com**

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