Navijin

DATASHEET

WIRELESS INFRASTRUCTURE / GATEWAY & AC CONTROLLER

NG-GE62S1000

8-port large sized MQTT based enterprise gateway

PRODUCT PAGE

NG-GE62S1000



Overview

The Navijin NG-GE62S1000 is a gateway and wireless controller for centralized network management – 8-port large sized MQTT based enterprise gateway. Key specifications include: 5-port 10/100/1000/2500Mbps RJ45 interfaces; Large sized enterprise gateway based on MQTT protocol; Support PPPoE/DHCP/Static IP access. 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.

Key Features

- 5-port 10/100/1000/2500Mbps RJ45 interfaces
- Large sized enterprise gateway based on MQTT protocol
- Support PPPoE/DHCP/Static IP access
- Work with different ISP Ethernet access

Hardware Specifications

CPU	Intel J6413 4 Core, 10nm, 1.8GHz, 1.5M Cache
Memory	3200MHz DDR4 SO-DIMM
Size	8GB
Storage Type	General SATA, HDD, CF
Interface	1x 6Gb/s SATA
CF	1x CF TypeII slot, default 1G SLC CF card
HDD	Support 1x 2.5" Hard drive bracket with hard drive shockproof function

mSATA	1x mSATA SSD slot (or CF alternative)

Network Specifications

Heat Dissipate	Super silent ball fan
Ports	5x 10/100/1000/2500Mbps WAN ports (can set to LAN port) 1x 10/100/1000Mbps LAN port 2x USB3.0 Ports 2x 1G SFP ports 1x Console Port
Display port	1x DB-15 VGA, support hot plug
LED Indicator	Layer 1: Hard disk indicator light: Yellow light, flashing when data is read or written Layer 2: Power indicator light: green, power on LED is on Layer 3: green, SFP1 first optical port indicator light Layer 4: green, SFP2 second optical port indicator light
Power	AC 100V-264V
Watchdog	Supports 1-255 second programmable software watchdog and system reset
Power Consumption	65W
Dimension	294mm x 430mm x 44.5mm
Working Temperature	-0°C ~ 50°C
Storage Temperature	-40°C ~ 70°C
Working Humidity	5% ~ 97%RH (No condensation)

Firmware Specifications

Gateway	Multiple WAN allow multiple ISP network access, Ethernet backup and Network overlay, line detection Support DHCP, DHCPv6, static and PPPoE operation mode Support IPv4 and IPv6 Support DNS, DHCP server, Static routing, ARP binding, Static DHCP
AP Management	Max to access and manage 1024 users Max to manage 1000PCS wireless AP in centrally and remotely, or in AP group Configure wireless AP SSID, password, security, bandwidth, RF power, time, reboot, reset, firmware upgrade, kvr seamless roaming, 5G prior, network topology User’s status checking
Smart Flow Control	No-configuration intelligent flow control, P2P blocking Powerful port routing, domain routing based on TCP, UDP, ICMP and IPMPv6 Support load balance and ISP flow control
VPN	Support VPN client and VPN server Support PPTP, L2TP, IPsec and OpenVPN
Defense Center	Monitoring the device working status from DHCP server, PPPoE server, IP and Loop status Examine the working status from checking status of hard disk, memory, WAN, DHCP server, PPPoE server and IP confliction. Send the working alert by email
Firewall	TCP/UDP/ICMP flood defense Port and host mapping, deny/accept network access based on IP address and MAC address Support DMZ, LAN forward and Share-Net block
Authentication	Portal auth; 3rd Radius billing auth; Account auth, SMS auth; WiFidog Auth, Local Auth and PPPoE server Auth

Management	Web/HTTPs/Telnet management Reboot/Reset/backup/firmware upgrade Remote management by cloud
Others	Network topology auto generation, CA Configuration, build in NTP server

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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