DUXNET

PRODUCT DATASHEET

Service Gateways



Next-Level Edge Computing Solutions

OVERVIEW

DuxNet Service Gateways (DSG) are designed to provide a cost-effective, versatile edge computing solution for businesses of all sizes. Powered by a robust x86 processor, they are engineered to support various applications, including SD-WAN CPE, firewall, IP PBX, and more. With flexible configuration options, these gateways can be tailored to your business requirements, ensuring scalability and reliability as your network grows. Whether you're enhancing security, optimising network traffic, or managing communication systems, the DuxNet Service Gateways deliver a next-level and adaptable solution to meet your evolving needs.

MAIN FEATURES

- **Affordability:** Cost-effective solutions designed to provide enterprise-grade performance without breaking your budget.
- **Versatility:** Supports multiple applications such as SD-WAN CPE, firewall, and IP PBX, offering flexibility to meet various network demands.
- **Scalability:** Easily adaptable to your growing business needs, allowing seamless expansion as your network infrastructure evolves.
- **Robust Performance:** Built on a powerful x86 processor, ensuring high efficiency and reliability for demanding workloads.
- **Enhanced Security:** Offers advanced firewall capabilities to safeguard your network and protect your data.
- **Simplified Management:** Easy to configure and manage, reducing complexity and saving time on network maintenance tasks.

Model Name	DSG350	DSG365	DSG770
SERVICE GATEWAYS			
General Specifications			
Model	DuxNet 350 Service Gateway with 4GB DDR4 and 32GB SSD	DuxNet 365 Service Gateway with 8GB DDR4+ and 64GB SSD	DuxNet 770 Service Gateway with 8GB DDR4+ and 64GB SSD
Processor	Intel Celeron J4125 (Quad core quad threading, 4MB cache, 2.0GHz, Max turbo 2.7GHz)	Onboard Intel Core I5-10210U (Quad core, 8 threads, 1.6GHz, Max turbo 3.4GHz, Cache 6MB)	Onboard Intel Core I7-10810U (Quad core, 8 threads, 1.8GHz, Max turbo 4.0GHz, Cache 8MB)
CPU Architecture	Gemini Lake Refresh	Onboard Intel 10th Generation Core i5	Onboard Intel 10th Generation Core i7
Chipset	Intel UHD Graphics 600	Integrated Intel UHD Graphics 620	Integrated Intel UHD Graphics 620
Memory	Support 1 x DDR4 2400MHz SODIMM Memory Slot. Maximum Support 8GB.	Support 2*DDR4 2133/2400 SODIMM RAM Slot. Maximum Support 32GB.	Support 2*DDR4 2133/2400 SODIMM RAM Slot. Maximum Support 32GB.
BIOS	AMI UEFI BIOS	AMI UEFI BIOS	AMI UEFI BIOS
Display Chip	Integrated Intel UHD Graphics 620	Integrated Intel UHD Graphics 600	Integrated Intel UHD Graphics 600
Display Port	1 x HDMI, 1 x DP (Support synchronous and asynchronous dual display. Max Resolution support 4096x2160 @ 60Hz)	1 x HDMI (No sound output)	1 x HDMI (No sound output)
Storage	1 x M.2 2280SSlot, 1 x 2.5'' HDD	Support 1 x MSATA Slot, 1 x 2.5"HDD	Support 1 x MSATA Slot, 1 x 2.5"HDD
Expansion	1 x M.2 2280 M-key Slot (Support SATA Protocol) 1 x M.2 2230 E-key Slot (Only support USB BT) 1 x Mini PCIE Slot (4G Optional, External SIM slot: only support USB Wifi/BT)	Support 1 x Half height MINI PCIE slot Support 1 x Full height MINI PCIE slot	Support 1 x Half height MINI PCIE slot Support 1 x Full height MINI PCIE slot
Front I/O	1 x Power Switch, 1 x HD, 1 x DP, 4 x USB3.0, 1 x SIM Slot, 1 x RJ45 COM (Support console), 1 x Reset Button	4 x USB3.0, 1 x Power Switch, 1 x RJ45 COM (Support Console), 1 x HDMI	4 x USB3.0, 1 x Power Switch, 1 x RJ45 COM (Support Console), 1 x HDMI
Rear I/O	1 x DC Input, 4 x1000M LAN	6 x Intel 1000/2500M Lan Ports, 1 x DC Input	6 x Intel 1000/2500M Lan Ports, 1 x DC Input
Network	4 x Intel i211-AT 10/100/1000M Ethernet LAN	6 x Intel i226-v 10/100/1000/2500M LAN	6 x Intel i211-AT 10/100/1000M LAN
Input Voltage	DC 12V Input	Support DC 12V Input	Support DC 12V Input
Certificates	CE, CCC, FCC Class A, ROHS	CE, CCC, FCC Class A, ROHS	CE, CCC, FCC Class A, ROHS
Other Function	Auto power after power failure, Timed boot, Wake on LAN, PXE boot, Watchdog（0～255 level）	Auto power on when there is electricity, Timing boot, Wake on LAN, PXE boot, Watchdog（0～255 level） (Standard version doesn't set this function)	Auto power on when there is electricity, Timing boot, Wake on LAN, PXE boot, Watchdog（0～255 level） (Standard version doesn't set this function)
Application	Firewall, VPN, Network Server, Network Security, Router, PC etc.	Firewall, Network server, Network security, Router etc.	Firewall, Network server, Network security, Router etc.

Model Name	DSG350	DSG365	DSG770
SERVICE GATEWAYS			
Mechanical Specification			
Color	Titanium gray	Black	Black
Material	High-quality all aluminum, surface anodic oxidation	High-quality all aluminum, surface anodic oxidation	High-quality all aluminum, surface anodic oxidation
Dimension	144 x 126.5 x 42 mm	186 x 126.5 x 66 mm	186 x 126.5 x 66 mm
Weight	0.7 kg	1.3 kg	1.3 kg
Environmental Specification			
Work Temp	0℃ ~ +50℃ (Commercial HDD), -20℃ ~ +60℃ (Industrial SSD), Surface air flow	0℃ ~ +50℃ (Commercial HDD), -20℃ ~ +50℃ (Industrial SSD), Surface air flow	0℃ ~ +50℃ (Commercial HDD), -20℃ ~ +50℃ (Industrial SSD), Surface air flow
Work Humidity	0% ~ 95% non-condensing	5% ~ 95% non-condensing	5% ~ 95% non-condensing

GO GREEN ECO FRIENDLY WITH DUXBURY

Free Telephonic Support

Limited Lifetime Warranty