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# NET-926G

**2U Rackmount Network Appliance with Dual Intel Xeon E5 2600V3/V4 family, Max. 256GB RAM, Expandable to 32 LAN ports**

## Feature:

NET-926G is a X86 network application server platform designed for network security industry, the system adopts Intel C612 chipset, supports dual E5-2600 v3/v4 family processors, 8 x DIMM slots, Max. 256GB RAM. It is highly expandable with flexible copper/fiber port quantity and comprehensive customization feature. Supports Max. 32 fiber or copper ports, it's designed dedicatedly to satisfy network security OEMer and network appliances supplier's needs.

NET-926G uses built-in Intel Virtualization technology VT-x, VT-d and Intel I/O AT, deploying the latest Intel ethernet controller, intelligent configurability allows upgrading the internal motherboard, I/O panels independently, allowing the OEMer adjust the platform cost effectively, meeting clients' wider performance and online capability. The system is optimized in terms of space, able to install multi HDDs and add-on adapting cards.

Strong Application
-Applied where multi core, multi processors performance and highly expandable ports are needed
-Deep Packet Inspection and Unified Threat Management

High Reliability
-Built in 3 x 3.5/2.5 inch non hot-swap HDD bay. User can also select SATA DOM, CF card and mSATA SSD to install OS and programs;
-Standard configuration of 550W 1+1 redundant power supply, enhancing system's redundancy and safety.

Extraordinary Performance
-Supports 2 x Intel Xeon E5-2600V3/V4 family Quad Core processors, supporting 64bit extension, I/O acceleration, Turbo and HT technology;
-8 x DIMM slots, supporting Max. 256GB 2133/2400MHz DDR4 ECC Reg memory;
-Standard configuration of 2 x RJ45 ports, 1 x RJ45 console port, 2 x USB3.0 ports.
-Expandable Max. 4 x NMC module, single module up to 8 copper or fiber ports, users can choose NMC combinations based on needs.

Flexible Configuration
-CPU, RAM, HDD, CF card, mSATA SSD, memory and customize RAID.

## Specification:                                        **FWC-4161**

| Model No. | | NET-926G |
|---|---|---|
| Form Factor | | 2U 19" Rackmount |
| Platform | Processor Options | 2 x Intel Xeon E5-2600V3/V4 family quad core processors |
| | CPU Socket | 2 x LGA2011-3 |
| | Chipset | Intel C612 chipset |
| BIOS | | AMI SPI Flash BIOS |

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| System Memory | Technology | DDR4 2133/2400MHz ECC Reg |
|---|---|---|
| | Max. Capacity | Single DIMM, Max 32GB; Total Max 256GB |
| | Socket | 8 x DIMM |
| I/O | Ethernet Ports | 2 x Intel i210 10/100/1000 auto adaptive ethernet controller, RJ-45 port, one of which support remote management |
| | Bypass | N/A |
| | LED | Power/Storage/Alert/BYPASS/HA |
| | Console | 1x RJ45 |
| | USB | 2x USB 3.0 |
| | LCD Module | 1 |
| | LAN | 2 x RJ45 |
| | Power Input | AC power inlet on PSU |
| Storage | HDD/SSD Support | 3 x SATA bay(compatible with 3.5/2.5 inch, alternative) |
| | Onboard Storage | 1x m-SATA, 1x CF |
| Expansion | PCIe | 4 x PCIE X8(Gen3)(Front panel, for connection to NMC modules) All can support below NMC modules: 4Fiber, 4Copper, 8F, 8C, 2F(10GbE), 4F(10GbE),4F+4C,2F(40GbE) |
| | PCIe | PCIe 5/6: PCIe X8 Gen 3, Supporting half and full height PCIe devices by customizing the chassis |
| Management | | Comprehensive monitoring connection status, network status, hardware status and RAID status of storage device |
| Miscellaneous | Watchdog | Yes |
| | Internal RTC with Li Battery | Yes |
| | TPM | - |
| Cooling | Processor | CPU fan |
| | System | 3 x cooling fans |
| Environmental Parameters | Temperature | 0℃～45℃/ -20℃～70℃ |
| | Humidity | 5 ~ 90% non condensing / 5 ~ 95%, non condensing |
| System Dimensions | (WxHxD) | 430x88.8x600mm |
| | Weight | 7.0 kg |
| Package Dimensions | (WxHxD) | - |
| | Weight | 8.0 kg |
| Power | Type/Watts | 550W 1+1 redundant PSU |
| | Input | 90~264V@47~63Hz |
| Approvals and Compliance | | CE, FCC Class B |

# Ordering Information

| Part number | PCH | DDR3 | 1Gb LAN port | Bypass | Console | USB 2.0 | 2.5'' HDD | 3.5'' HDD | PCIe Expansion | Power |
|---|---|---|---|---|---|---|---|---|---|---|
| FWC-4161 | G41 | 2 | 6 x Intel 82574L | 2 | 1 | 2 | 2 | 2 | 1 x PCIe X8 | AC 220W single ATX |

# Packing List

| 1 | SATA data cable |
|---|---|

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| 2 | Power cord 3P 180cm, China |
|---|---|
| 3 | Rack ears |
| 4 | Accessory screw bag |

# Optional Accessories

| 1 | Power cord 3P 180cm, USA |
|---|---|
| 2 | Power cord 3P 180cm, Europe |
| 3 | Power cord 3P 180cm, UK |
| 4 | Power cord 3P 180cm, Japan |
| 5 | Power cord 3P 180cm, India |

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