

## ALLNET Network Appliance/Server 19" Intel® N150 1HU - Barebone 4x 2.5Gbit LAN 2x SFP+

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### EAN CODE



### 1U rack network/security appliance – Intel® N150, 16GB DDR5, 4x2.5G + 2x10G SFP+, 256GB NVMe

This **energy-efficient rack network appliance** based on the **Intel® Alder Lake-N platform** is ideal as a **firewall/UTM, VPN gateway, router or SD-WAN CPE**. In the configuration of your choice, the system works with **Intel® Processor N150, 16GB DDR5** and a high-performance network configuration of **4x2.5GbE RJ45** plus **2x10G SFP+** – perfect for environments where **fast uplinks** and **stable 24/7 availability** are required.

#### Configuration (as specified by you)

- **CPU:** Intel® N150 (Alder Lake-N, low-power platform)  
N97-N100-N200-N305-1U-2U?????
- **RAM:** 16GB DDR5 (SO-DIMM DDR5-4800; platform supports up to 48GB)  
**Network:** 4x 2.5G RJ45 (Intel i226-V Controller) + 2x 10G SFP+
- **Storage:** 256GB NVMe SSD (configuration)

#### Highlights & advantages

- **Strong network focus:** 2.5G ports for LAN/DMZ segmentation + **10G SFP+** for fast backbone/core



uplinks.

**Expandable via PCIe: PCIe Gen3 x8 slot (x4 signal)** for equipping with dual/quad NICs up to **10G SFP+**.

- **BYPASS option:** prepared slot/option for the **BYPASS function** (1–4 ports, customised) – important for security appliances in fail-safe operation.
- **Rack housing 1U or 2U:** with active cooling (several fans depending on height) for stable continuous operation.
- **Flexible power supply: 100–240V AC**, optional single or redundant power supply unit (depending on model/configuration).
- **I/O & management:** RJ45 console, USB 2.0/3.0, VGA and features such as **Watchdog** and **PXE/Wake-on-LAN**.
- **Typical areas of application**

Firewall/UTM, IDS/IPS, VPN gateway, site networking, SD-WAN, routing/load balancing, edge security in industrial or branch operations.

| Category     | Item          | Value   |
|--------------|---------------|---|
| Main         | Code Name     | Intel® Alder Lake-N                                       |
| Main         | Popular model | N150  |
| Main         | Memory        | 1 * SO-DIMM DDR5 4800MHz 16GB (MAX 48G)                   |
| LAN          | IC            | Intel® i226-V   |
| LAN          | Speed         | 2500Mbps 2.5G adapting                                    |
| LAN          | Interface     | 4 * Intel® Ethernet Controller 2.5G RJ45                  |
| Storage      | M.2           | N/A   |
| Storage      | mSATA / SATA  | 1 * SATA3.0 6Gbps / 1 * mSATA / 1 * CF (One out of three) |
| Display      | Header/Pin    | 1 * VGA / 1 * JHDMI / 1 * EDP                             |
| BIOS         | UEFI          | AMI UEFI BIOS   |
| USB          | Interface     | 1 * USB2.0 / 1 * USB3.0                                   |
| USB          | Header/Pin    | 2 * USB2.0 (Vertical) / 6 * USB2.0 (Array pin)            |
| Power Supply | Voltage       | 100-240V~50 / 60Hz  |
| Power Supply | Mainboard     | ATX 4PIN 12V / DC-12V 55mm*25mm                           |
| PCI-E        | Extension     | 1 * PCI-E x8 Slot Gen3 PCIe3.0 x4                         |



No. d'article: 250801  
Numéro de fabricant: ALL-RackPC-N150

|           |             |   |
|-----------|-------------|---|
| Other     | GPIO        | 4 * programmable GPIO                               |
| Other     | Watchdog    | 255 levels, 0-255 seconds                           |
| Other     | Bypass      | N/A   |
| Other     | COM         | 1 * RJ45 Console / 2 * COM (Array pin)              |
| Other     | TPM         | N/A   |
| Other     | 4G / WiFi   | 1 * miniPCle  |
| Other     | Other       | Network WakeUp / PXE                                |
| Dimension | Spec        | 1U (440mm*320mm*45mm) / 2U (435mm*439mm*90mm)       |
| Work Temp | Temperature | 0°C~60°C, Storage: -10°C~70°C                       |
| Work Temp | Humidity    | 10%~90%, Storage: 5%~95%, non-condensing            |
| System    | OS          | Windows 10/11, Windows Server, Linux, not included! |