

Product Features

- PGA socket supports replaceable and upgradeable pin-type laptop CPUs
- PCI-E supports expansion with an Intel 82599 dual 10G SFP + optical NIC or a four-port Ethernet NIC
- Optional Intel i226-V 2.5G and Intel 82574L server-grade network cards
- The entire system cooling, including CPU and chassis fans, uses ball-bearing fans
- The aluminum front panel of the chassis supports free laser-engraved logos
- Built-in dust filters on the left and right side air intake vents help keep dust out of the system

Intel 2nd/3rd Generation Network Security Industrial PC

PGA socket supports replaceable and upgradeable pin-type laptop CPUs



Network Security Industrial PC Source Factory

Product Model: CW-989NP-1U



Front View



Rear View

Product Size

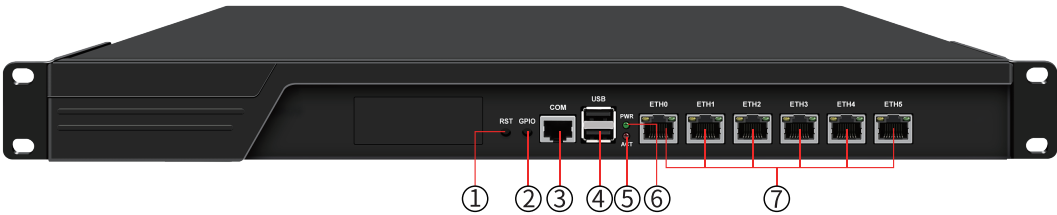


Kind Reminder: Manual measurements may have slight deviations. Please refer to the actual product.

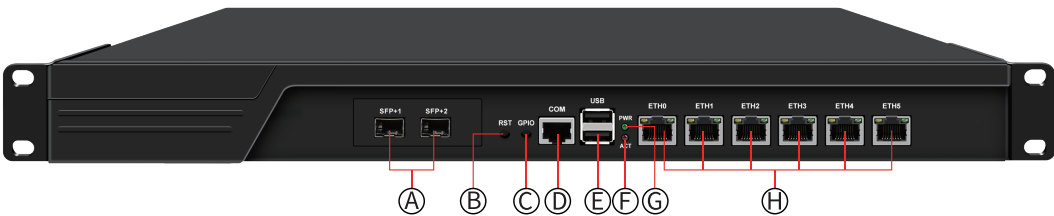
Product interface

- ① Reset Button
- ② GPIO
- ③ COM Port
- ④ USB 2.0
- ⑤ HDD Indicator Light
- ⑥ Power Indicator Light
- ⑦ RJ45 Network Port

6-Port Ethernet Configuration

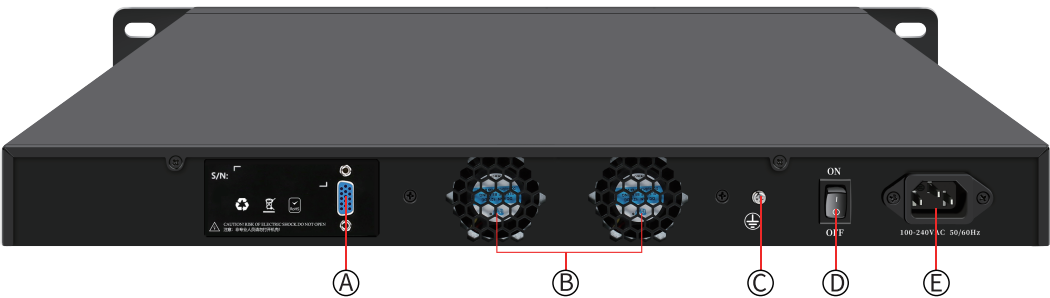


6-Port Ethernet + 2 × 10G SFP+ Optical Port Configuration



- A. SFP+ 10G Optical Port
- B. Reset Button
- C. GPIO
- D. COM Port
- E. USB 2.0
- F. HDD Indicator Light
- G. Power Indicator Light
- H. RJ45 Network Port

- A. VGA Port
- B. Chassis Cooling Fan
- C. Grounding Screw
- D. Power Switch
- E. AC Power Socket



Specifications

|              |               |                                                                 |
|--------------|---------------|-----------------------------------------------------------------|
| Main         | CPU           | Intel® Sandy Bridge / Ivy Bridge                                |
|              | Popular model | i3-2350M / i5-2520M / i7-2640M / i3-3110M / i5-3320M / i7-3520M |
|              | Chipeset      | Intel® HM76                                                     |
|              | Memory        | 1 * SO-DIMM DDR3 1066 / 1333 / 1600MHz MAX 8G                   |
| LAN          | IC            | Intel® 82574L / Intel® i226-V                                   |
|              | Speed         | 1000Mbps / 2500Mbps 2.5G adapting                               |
|              | Interface     | 6 * Intel® Ethernet Contoller RJ45                              |
| Storage      | M.2           | N/A                                                             |
|              | mSATA/SATA    | 2 * SATA3.0 6Gbps / 2 * SATA3.0 5Gbps / 1 * mSATA               |
| Display      | Header/Pin    | 1 * VGA / 2 * 15Pin max to 1920 * 1080@60Hz                     |
| BIOS         | UEFI          | AMI UEFI BIOS Legacy                                            |
| USB          | Speed         | 2 * USB2.0                                                      |
|              | Header/Pin    | 4 * USB2.0(Array pin)                                           |
| Power Supply | Voltage       | AC 100-240~V50/60Hz                                             |
|              | Power mode    | 60W Single power supply                                         |
| Other        | GPIO          | 8 * programmable GPIO                                           |
|              | Watchdog      | 256 Levels, 0-255 Seconds                                       |
|              | Bypass        | N/A                                                             |
|              | COM           | 1 * RJ45 Console                                                |
|              | TPM           | N/A                                                             |
|              | 4G            | N/A Customizable                                                |
|              | WiFi          | N/A Customizable                                                |
|              | Other         | NetWork WakeUp / PXE                                            |
| Dimension    | Spec          | 1U(440mm*255mm*45mm)                                            |
| Work Temp    | Temperature   | 0°c~ 60°c,Storage: -10°c~70°c                                   |
|              | Humidity      | 10%~90%,Storage:5%~95%,ono-Condensing                           |
| System       | OS            | Windows 7/10/11,Windows Server , Linux                          |

Port customization

| Number of network ports | Network card chip  |
|-------------------------|--------------------|
| 2 * 2.5G RJ45           | 2 * Intel® i226-V  |
| 4 * 2.5G RJ45           | 4 * Intel® i211-AT |
| 4 * 2.5G RJ45           | 4 * Intel® i210-AT |
| 4 * 2.5G RJ45           | 4 * Intel® i226-V  |
| 2 * SFP+                | 2 * Intel® 82599ES |