

ST-CWQJ-6L v1.0

Intel® 12th Gen Alder Lake-N N95/N100/N200/N305 Processors



Main Features

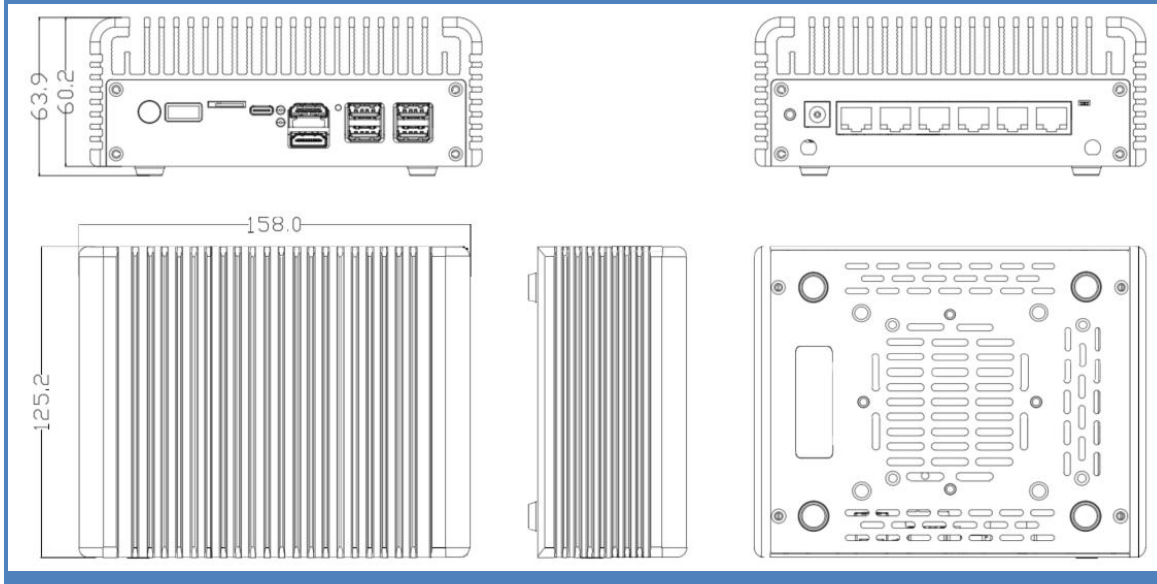
- Aluminum Alloy ; Passive Cooling
- Intel N95/N100/N200/N305 CPUs
- 1x DDR5 RAM slot, up to 32GB
- 1x SATA3.0 + 1x M.2 NVMe X1
- 6x 2.5GbE Ports (RJ45)
- HDMI+Type_C 4K Display
- 1xAuto_boot ; 1x TF slot
- 1x M.2 (Wifi&BT module)
- 4x USB2.0 ; 1x USB3.0
- DC_12V Power Input

Specification :

| Model NO. | ST-CWQJ-6L V1.0 (N100) | |
|-------------|------------------------|--|
| Chassis | Structure | All Aluminum Alloy ; Passive Cooling (Fanless) |
| | Dimension | 158mm*125.2mm*63.9mm |
| | Color | Dark Black / Gray |
| | Installation | VESA_mount / Desktop |
| Motherboard | Processor | Intel® 12 th Gen Alder Lake-N Series N95/N100/N200/i3-N305 Processors |
| | Chipset | Intel SoC |
| | Graphics | Integrated Intel UHD Graphics (according to CPU) |
| | Memory | 1x SO-DIMM slot,4800MHz DDR5 Memory , up to 32GB |
| Front Panel | Switch | 1x Power switch ; 1x Reset |
| | LED | 1x Power.LED ; 1x HDD.LED |
| | Display | 2x HDMI2.1 (4096*2160 @60Hz) ; 1x Type_C (4096*2160 @60Hz) |
| | USB | 4x USB2.0 ; 1x USB3.0 |
| | Expansion | 1x TF card slot |
| Rear Panel | Ethernet | 6x RJ45 2.5GbE ports (Intel I226V 2.5G Ethernet Controller), support Wake_on_LAN/PXE |
| | Switch | 1x Auto_Power on Switch |
| | Antennas | 2x Wifi&BT Antenna holes |
| | DC_Jack | 1x DC_12V Power Jack (55*25) |
| Storage | SATA | 1x SATA3.0, support 1x 2.5" HDD |
| | M.2 | 1x M.2 Key_M slot, support 2242/2280 NVMe SSD |
| Expansion | M.2 | 1x M.2 Key_E slot, support M.2 2230/2242 Wifi&BT module |
| | Inner_I/O | 1x RS232(2*5pin) ; 1x TPM (optional) |
| OS Support | System | Windows / Linux OS etc. |
| | BIOS | 64Mb Flash ROM |
| | Watch Dog | Hardware reset function (L256, 0~255 seconds) |

| | | |
|---------------------|-------------------|--|
| Power Supply | Power Adaptor | DC_12V 5A input |
| Reliability | Working Temp. | -10°C ~ 60°C |
| | Storage Temp. | -20°C ~ 70°C |
| | Relative Humidity | 5%-95% relative humidity, non-condensing |
| | Working Vibration | 0.5g rms/5-500HZ/random/operating |

Drawing:



ST-CWQJ-6L Ordering info:

| No. | Model | Processor | RAM | Display | Ethernet | Wif&BT | Auto_Boot | Console | USB | TF | TPM | Storage | power |
|-----|------------------------|-------------------------|---------|--------------|-----------|--------|-----------|---------|-----|----|----------|------------|--------|
| 1 | ST-CWQJ-6L V1.0 (N95) | N95 (3.4G / 4+4) | 1x DDR5 | HDM I+Type-C | 6x 2.5GbE | Yes | Yes | N/A | 5 | 1 | optional | SATA + M.2 | DC_12V |
| 2 | ST-CWQJ-6L V1.0 (N100) | N100 (3.4G / 4+4) | 1x DDR5 | HDM I+Type-C | 6x 2.5GbE | Yes | Yes | N/A | 5 | 1 | optional | SATA + M.2 | DC_12V |
| 3 | ST-CWQJ-6L V1.0 (N200) | N200 (3.7G / 4+4) | 1x DDR5 | HDM I+Type-C | 6x 2.5GbE | Yes | Yes | N/A | 5 | 1 | optional | SATA + M.2 | DC_12V |
| 4 | ST-CWQJ-6L V1.0 (N305) | i3-N305 (3.8G / 8+8) | 1x DDR5 | HDM I+Type-C | 6x 2.5GbE | Yes | Yes | N/A | 5 | 1 | optional | SATA + M.2 | DC_12V |