## Technical Specifications

- CPU: 3.40 G Intel quad core processors N100
- RAM: 8GB DDR5
- NIC: 3 Gigabit Ethernet( two on front panel and one on the back panel)
- Storage: SSD 128G M.2-2280 SATA protocol or 128G M2-2242 SATA protocol
- 1 Standard HDMI
- USB: 1
- Power Consumption: 18W
- Operating Temperature: 0°C to 50 °C
- Storage Temperature: -40 °C ~ 125 °C
- Humidity: 10 ~ 90% NON-CONDENSING

## Overview

VS-CCU-N-ALDER is a new version asterisk® motherboard. With intel Quad Core processors, it is suitable for scenarios with up to 800 users and no more than 200 concurrent calls. To bring users clear, high fidelity and high definition audio/video calls, VS-CCU-N-ALDER can easily integrate with abundant HD voice and video codecs.

The VS-CCU-N-ALDER supports comprehensive protocol processing, including SIP, IAX2 protocols Taking the full advantages of open source platform, the VS-CCU-N-ALDER will be preloaded with PBX in a  FreePBX, 3CX, Issabel IPPBX software.
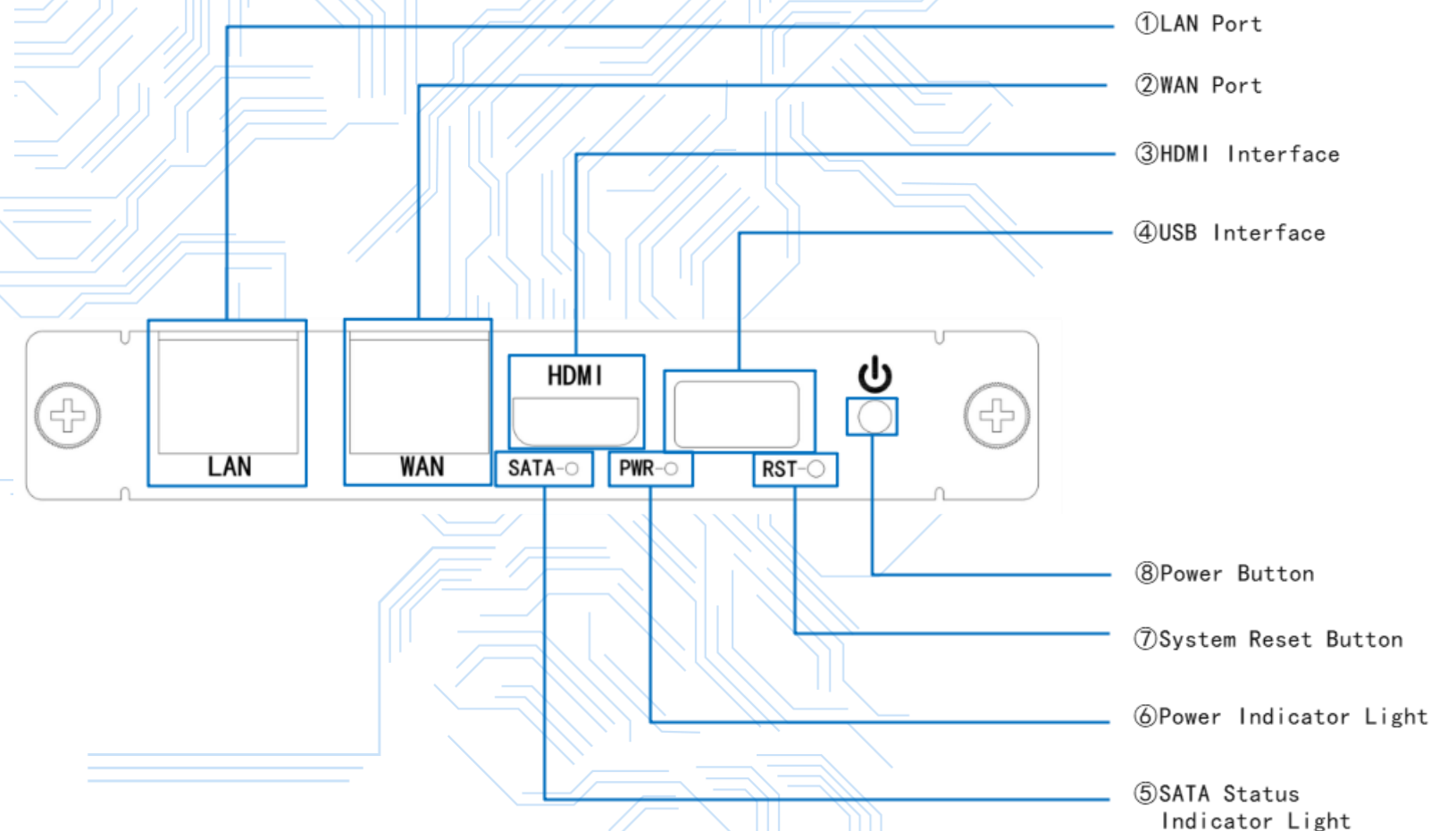
## Warranty

- One-Year Warranty

## Certifications

- RoHS Complaint

## Software & Platform:

- 3CX , Issabel , FreePBX , Linux/Windows



① LAN Port
② WAN Port
③ HDMI Interface
④ USB Interface
⑧ Power Button
⑦ System Reset Button
⑥ Power Indicator Light
⑤ SATA Status Indicator Light

## Features

- Max Concurrent Calls:

    2000 Concurrent Calls with G.711 Codec,

    620 Concurrent Calls with G.729 Codec

*The above data is from the lab and doesn't take into account the additional application overhead in actual user, so the actual performance may be lower than the lab test results.

- Transport Protocol: UDP, TCP, TLS, SRTP
- DTMF: In-band, RFC2833, SIP INFO
- IP Services: Static IP, DHCP, VPN, Firewall, PPPoE, Bridge
- SIP and IAX2 support
- Web-based operator panel
- DISA(Direct Inward System Access)
- Call detail record(CDR) report
- Call recording, Call parking, call queues, Voicemail, Conference

- Echo canceller
- Callback support
- Flexible and configuration IVR
- Support for PIN sets
- Support for time conditions
- VOIP provider configuration
- Support for follow-me
- Support for ring groups
- Support for video-phones
- Channel usage reports

## Preloaded System

- Issabel-2019 x86_64
- FreePBX-2020 x86_64

The default preloaded system is Issabel-2019 x86_64.