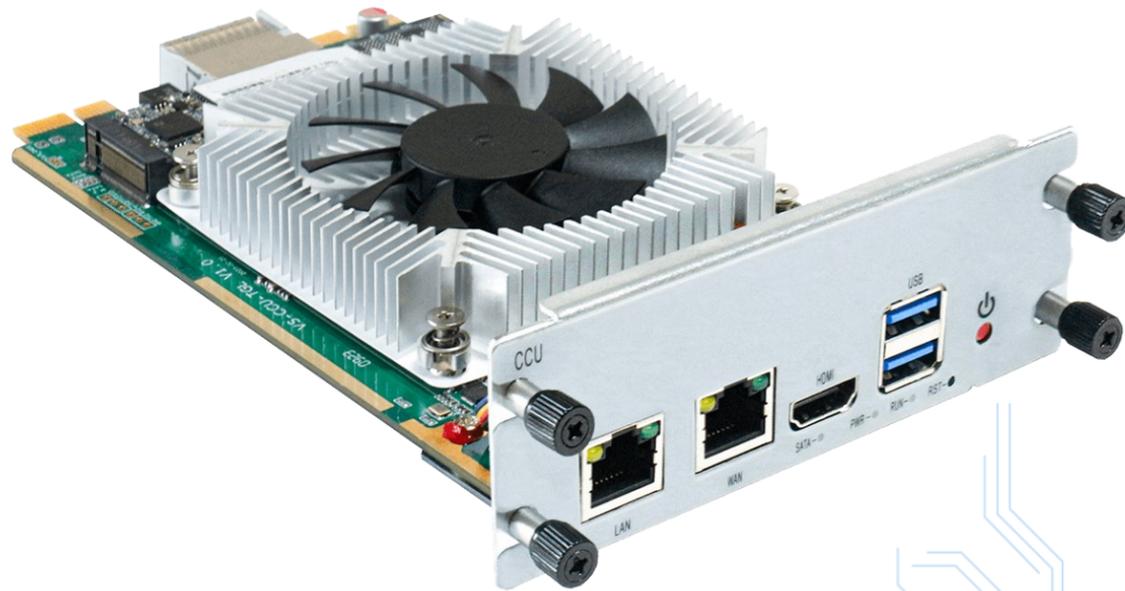## Technical Specifications

· Freely install your own software (Linux or Windows)
· CPU: 11th Generation Intel(R) Core(R) i5 Processors
· RAM: Up to 32GB DDR4-3200
· Storage: M.2 SATA SSD onboard and 2.5 inch SATA HDD
· NIC: 3*10/100/1000M (two on the front panel and one on the back panel)

· Display: Standard HDMI
· USB: two USB 3.0 ports
· Power Consumption: 40W
· Operating Temperature: 0°C to 50 °C
· Storage Temperature: -40 °C ~ 125 °C
· Humidity: 10 ~ 90% NON-CONDENSING

# OpenVox CCU-I-TGL Motherboard

## Overview

CCU-I-TGL is a new main control board developed for VoIP applications. It features Intel Quad Core processors that can easily handle up to 1800 concurrent calls using the G.711 codec, or up to 1000 concurrent calls with the G.729 codec（measured under laboratory conditions). To ensure clear, high-fidelity, and high-definition audio/video calls, CCU-I-TGL is equipped to integrate with various HD voice and video codecs.

The CCU-I-TGL supports comprehensive protocol processing, including SIP and IAX2 protocols on the IP side, and BRI, PRI, SS7, R2, GSM, and WCDMA on the CPE side. Leveraging the full advantages of open-source platforms, the CCU-I-TGL comes preloaded with OpenVox UC PBX System, PBX in a FlashTM, and FreePBX IPPBX software.

## Warranty

· Two-Year Warranty
· 3-Month "No-Question Asked Return Policy"

## Certifications

· RoHS Complaint

## Software & Platform

· Issabel, Elastix, FreePBX, VitalPBX, 3CX, Windows

# Features

- Users: Unlimited
- Max VoIP Trunks: Unlimited
- Max Concurrent Calls: 1800 Concurrent Calls with G.711 Codec, 1000 Concurrent Calls with G.729 Codec
- Transport Protocol: UDP, TCP, TLS, SRTP
- DTMF: In-band, RFC2833, SIP INFO
- IP Services: Static IP, DHCP, VPN, Firewall, PPPoE, Bridge
- Supported codecs: ADPCM, G.711 (A-Law & u-Law), G.722, G.723.1 (pass through), G.726, G.728, G.729, GSM, iLBC (optional) among others
- 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

- OpenVox UC PBX System
- 3CX V16 based on debian 10
- Issabel 4.0
- FreePBX
- CentOS 7.8
- Debian 9.8