GTEKGEO INSTRUMENTS PTE. LTD

SEISCOMP C57

The Seismological Communication Processor (seiscomp) is a concept for a networked seismographic system. The Seiscomp C57 product is a high-performance fanless, passive cooling , zero noise, high and low temperature resistance, with efficient dust-proof and moisture-proof industrial control barebone system

Overview

Main Feature

Tasks of seiscomp are:
- Data acquisition
- Data quality control
- Data recording
- Real-time communication
- Network status monitoring
- Real-time data processing
- Issuing event alerts
- Waveform archiving
- Waveform data distribution

Software

The Seismological Communication Processor (seiscomp) C57 can compatible with seiscomp3 and seiscomp5 software. The seiscomp C57 products have the advantages of stable and reliable product performance, high cost performance and low power consumption base on Linux operating system.

Hardware

- ✓ CPU Intel J1900 (4 core 4 thread, base freq. 2Ghz up to 2.4 Ghz)
- ✓ Storage 256 Gb
- ✓ 8GB DDR4 Ram
- ✓ 8 channels GPIO interfaces
- ✓ 1 HDMI 1.4, 1 VGA display output
- ✓ 2*LAN Port
- ✓ 6*USB, 1*Wifi/4G (optional), 1*Audio
- ✓ 6*COM serial interfaces DB9 RS232 (2*RS485).
- ✓ DC12V

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