SETO-1000

Extreme Outdoor Server with Intel® Xeon® Processor E5-2400 v2 Series

Features

- Single/Dual Intel® Xeon® Processor E5-2400 v2 series
- Six memory sockets support VLP RDIMM DDR3-1333/1600 REG/ECC up to 96GB
- Intel® C604 Chipset
- Dual 10G SFP+ ports
- Dual 10/100/1000 BASE-T ports
- IP65 water and dust proof
- Conduction cooled, aluminum chassis



Specifications

CPU / Chipset / Memory

CPU

Single/Dual Intel® Xeon® E5-2418L v2 (6C/12T) 2.0GHz
Single/Dual Intel® Xeon® E5-2428L v2 (8C/16T) 1.8GHz
Single/Dual Intel® Xeon® E5-2448L v2 (10C/20T) 1.8GHz

Chipset

Intel® C604 Chipset

Memory

Six DDR3-1600/1866 240-pin VLP RDIMM sockets, up to 96 GB (up to 48GB for single CPU SKUs)

BIOS

Chip

AMI BIOS on SPI flash memory

I/O Interfaces

Ethernet

Dual 10/100/1000BASE-T RJ-45 port
Dual 10G SFP+ interface

Storage

Onboard bootable 32GB SATA flash (optional up to 256GB)
Two 2.5" SATA SSD drive bays (external access)

USB

Two USB 2.0 ports on front panel

Front Panel I/O

2x 1GbE port
2x SFP+ port
1x Display port (Break cable for 2 USB port and console port)

Power Input

DC 36-72V power input, supports DC-48V for Telcom

IPMI

Chip

Smart Fusion A2F500

IPMI

IPMI v2.0 based intelligent system manager & power manager. Supports temperature management for platform power manager: cold start heating, overheating, lower performance, shutdown& auto recover, self & remote diagnostic capability

Other Features

Expansion

Mini PCIe socket onboard; PCIe x16 signals via proprietary onboard connector (max. 15W)

Packet Processing

Intel® Communications Chipset 8920 (optional) Acceleration

Operating System

Linux 6.x

Mechanical and Environmental

Form Factor: Fanless with aluminum conduction cooling enclosure
Dimension: 340 mm x 440 mm x 44 mm (L x W x H)
Weight: 10 kg

Operating Temp.

-40˚C to +55˚C (Airflow: +25˚C 8 CFM/+55˚C 30 CFM)
Storage Temp.: -40˚C to +70˚C

Humidity

5% to 95%, non-condensed

Shock

20G peak-to-peak, 11ms duration, non-operation

Vibration

Operating: 5Hz ≦ f ≦ 9Hz (up to 3.5mm displacement)
9Hz ≦ f ≦ 150 Hz @ 1g (EN61131-2)

Power Consumption

400~500W

IP rating

IP65

Safety & EMI

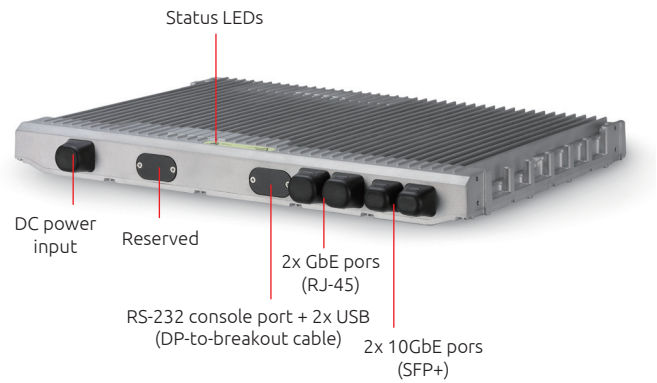
Certifications: FCC, CE

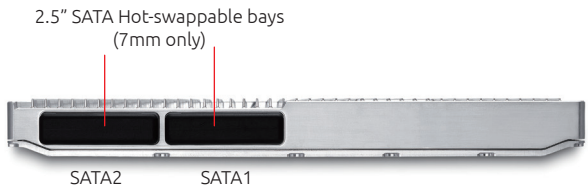
LRI Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

Ordering Information

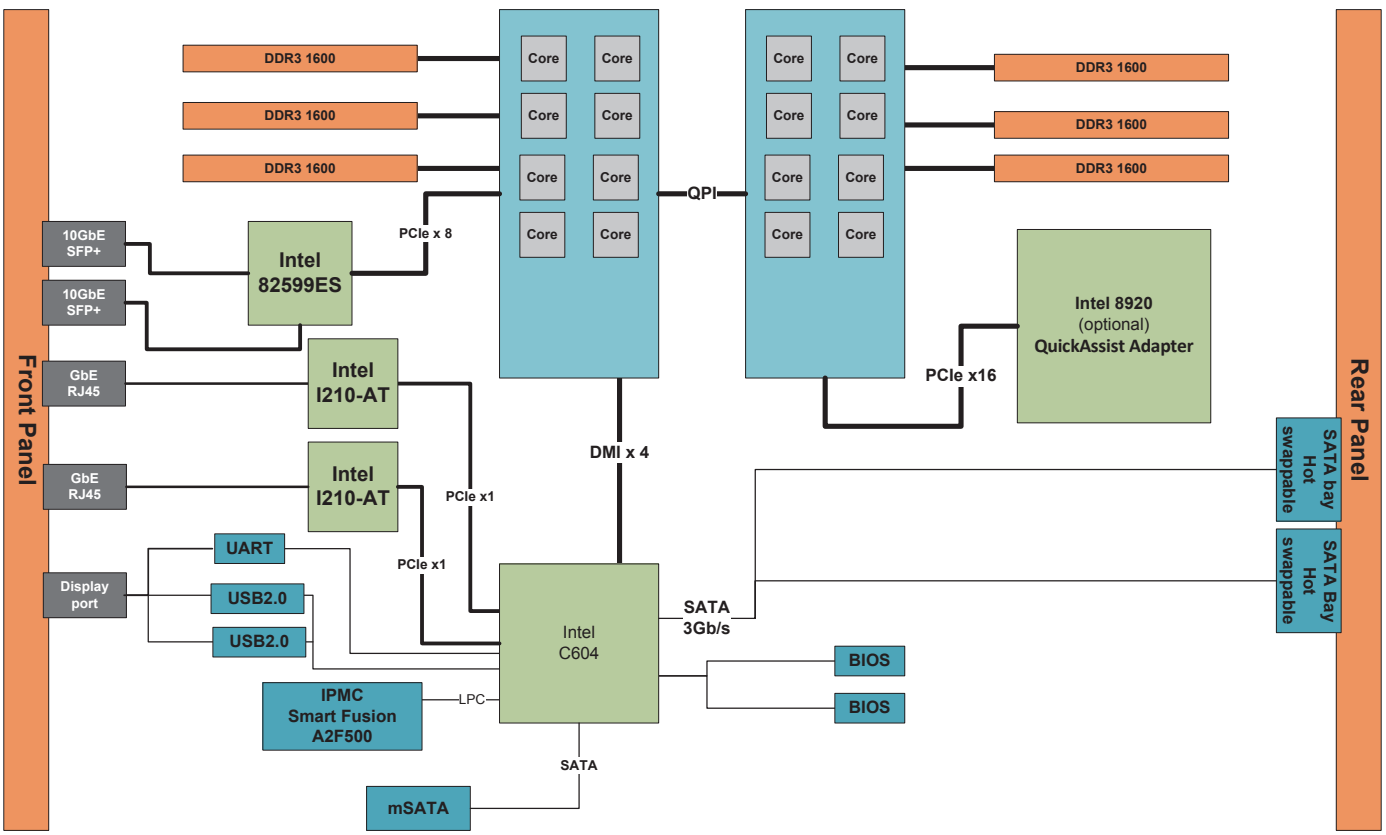
- **93-99202-001E**
  SETO-1000/D2418Lv2/M16GB/mSATA32GB
- **93-99202-100E**
  SETO-1000/D2428Lv2/M16GB/mSATA32GB
- **93-99202-200E**
  SETO-1000/D2448Lv2/M16GB/mSATA32GB

Mechanical Layout





Functional Diagram



All products and company name listed are trademarks or trade names of their respective companies.
Updated Sep. 18, 2019. ©2019 ADLINK Technology, Inc. All Rights Reserved.
All specifications are subject to change without further notice.

Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000