

# 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

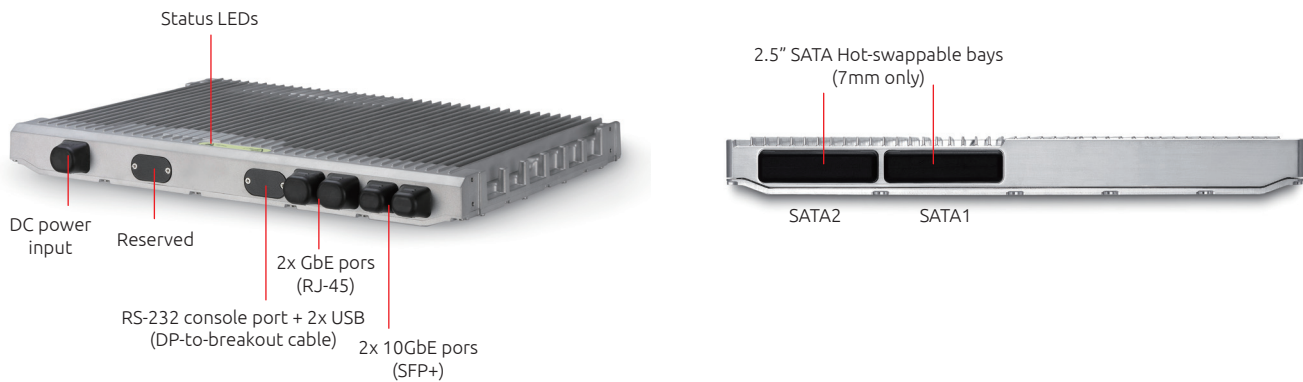
##### Safety & EMI

Certifications: FCC, CE

## 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

