CSA-7210

2U 19” Network Appliance with Intel® Xeon® Scalable Silver/Gold Processors for communications and computing infrastructure deployment

Features

- Up to 2 Gen1 or Gen2 Intel® Xeon® Scalable Processors
- 16x DDR4 2666 ECC REG memory up to 512GB
- Up to 8x NIM* slots for network expansion
- Up to 4x 3.5” SATA 6 Gb/s, 1x CFast
- Up to 2x PCIe x16 Gen3
- TPM 1.2/ 2.0 module
- 2U 19” rackmount form factor
- Built-in Intel® QAT support

*ADLINK Network Interface Module (NIM) is a proprietary form factor



Specifications

CPU / Chipset / Memory

CPU

Up to 2x Gen1 or Gen2 Intel® Xeon® Scalable Processors up to 165W TDP, including:
Intel Xeon® Silver 4116 Processor 2.10 GHz (12C,85W)
Intel Xeon® Silver 4210 Processor 2.20 GHz (10C,85W)
Intel Xeon® Silver 4214 Processor 2.20 GHz (12C,85W)
Intel Xeon® Silver 4216 Processor 2.10 GHz (16C,100W)
Intel Xeon® Gold 6130 Processor 2.10 GHz (16C,125W)
Intel Xeon® Gold 6230 Processor 2.10 GHz (20C,125W)
Intel Xeon® Gold 6238T Processor 1.90 GHz (22C,125W)
Intel Xeon® Platinum 8260 Processor 2.40 GHz (24C,165W)

Chipset

Intel® C622/C627 Chipset (SKU dependent)

Memory

16x DDR4-2666 DIMM sockets, ECC, registered, up to 512GB

BIOS

Chip

AMI BIOS on SPI flash memory

Operating System

Windows 7 64-bit,
Windows 10 64-bit,
Windows Server 2016,
Linux Kernel 2.6 and above

I/O Interfaces

Expansion

8x Network Interface Module (NIM) slots
or
4x NIM slots* and 2x PCIe x16 Gen 3 single-slot FHHL (Sku dependent)

2x RJ-45 10/100/1000BASE-T Ethernet ports
2x 10G SFP+ Ethernet ports

Console

1x RJ-45 serial port

USB

2x USB 3.0

Graphics

1x VGA port (internal)

Control

Power

Power button on the rear of the chassis

Management

IPMI v2.0 with iKVM and SOL support

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Specifications

- **Storage**

  Drive Bays

  1x onboard CFast socket

  1x 3.5" hot-swappable SATA 6 Gb/s drive bay

  3x 3.5" internal SATA 6 Gb/s drive bays with hardware RAID support (SKU dependent)

- **LEDs**

  Power, Alert, Drive Activity (user programmable)

- **TPM**

  TPM1.2/2.0 (SKU dependent)

- **Intel® QuickAssist Technology**

  100Gb/s Intel® QAT support (SKU dependent)

- **Mechanical and Environmental**

  Form Factor: 2U 19" rackmount 438mm x 88mm x 560mm (WxHxD)

  Fans: 3 fans, adaptive speed

  Power: 800W or 1200W, AC/DC/HVDC

  Temperature and humidity

  Operating: 0°C to +40°C, 10%-85% RH @40°C, non-condensing

  Storage: -40°C to +70°C, 5%-90% RH, non-condensing

  Shock

  Operating: Half-sine 2G, 11ms pulse, 100 pulses in each direction

  Non-operating: Trapezoidal, 25G, 170 inches/sec delta V, three drops in each direction

  Vibration

  Non-operating Vibration: 2.2Grms, 10 minutes per axis in each direction

  Acoustic

  Sound pressure < 75 dBA @1m with all fans maximum speed

- **Regulatory**

  FCC Class A, CE emissions, UL, CB, CCC and RoHS compliant

- **MTBF**

  90,000 hours

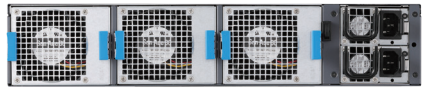
- **Software Support**

  Validated with DPDK, provides a high throughput for data plane packet processing

Network Interface Modules (NIM)

- **CSA-Z4X01**
  NIM1: 4-port GbE copper with LAN bypass
- **CSA-Z5C4F**
  NIM2: 4-port GbE SFP w/o LAN bypass
- **CSA-Z8X10**
  NIM3: 8-port GbE copper with LAN bypass
- **CSA-Z5C2F**
  NIM4: 2-port 10GbE SFP+ w/o LAN bypass
- **CSA-Z5C8F**
  NIM5: 8-port GbE SFP w/o LAN bypass
- **CSA-Z5C8F+**
  NIM6: 8-port 10GbE SFP+ w/o LAN bypass
- **CSA-Z5C4F+**
  NIM7: 4-port 10GbE SFP+ w/o LAN bypass
- **CSA-Z5CQF+**
  NIM8: 1-port 40GbE QSFP+ Card w/o Lan bypass NIM card

Mechanical Overview



Rear View



Front View

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