

AIS-D422-A1

Specifications

Processor

- Intel® Xeon® processor D-2146NT, CPU TDP support 80W
- 8 Cores, 16 Threads

System Memory

- Up to 512GB DDR4 ECCLRDIMM
- Up to 256GB DDR4 ECCRDIMM
- 4 DIMM slots
- 2666/2400/2133MHz ECC DDR4 L/RDIMM, operating speed up to 2400MHz
- DIMM sizes: 128GB, 64GB, 32GB, 16GB
- Memory Voltage: 1.2V

On-Board Devices

- Chipset: SoC
- SATA3 (Gbps) ports via SoC controller
- Dual 10G SFP+ via SoC
- Dual 10GBase-T via Intel X557
- 8x 1GbE with Intel I350-AM4
- Single 1 GbE with Intel I120
- Support for IPMI v.2.0
- IPMI 2.0 with virtual media over LAN and KVM-over-LAN support
- VGA via Aspeed AST2500 BMC

Chassis

- Box PC (CSE-E403IF-505)

System Cooling

- 3x 80x80mm PWM redundant fans

Standard I/O

- 4x SATA3 ports : RAID 0,1,5,10
- 9x RJ45 for GbE
- 2x RJ-45 for 10 GbE
- 2x 10G SFP+ LAN ports
- 1x RJ45 Dedicated IPMI LAN port
- 2x USB3.0
- 2x USB2.0
- 1x VGA
- 1x COM via RJ45

Expansion Slots

- 2x PCIe 3.0 x16 or 2x PCIe 3.0 x8, 1x PCIe 3.0 x16
- 1x M.2 M-Key, 2280/22110
- 1x M.2 E-Key, 2230
- 1x M.2 B-Key, 3042

Drive Bays

- 4x Internal 2.5" drive bays

Front Panel

- Power On/Off Button
- System Reset Button
- Power LED
- Hard drive activity LED
- Network activity LEDs
- System information LED

Power Supply

- 600W AC multi output power supply w/ PFC
- AC 100-240V, 50-60Hz, 7.5-3.1Amp



Dimension

- 267(W)x109(H)x406(D) mm
- 10.43kg (Gross Weight)

Operating Temperature

- 0°C ~ +50°C

Operating Humidity

- 8% ~ 90%

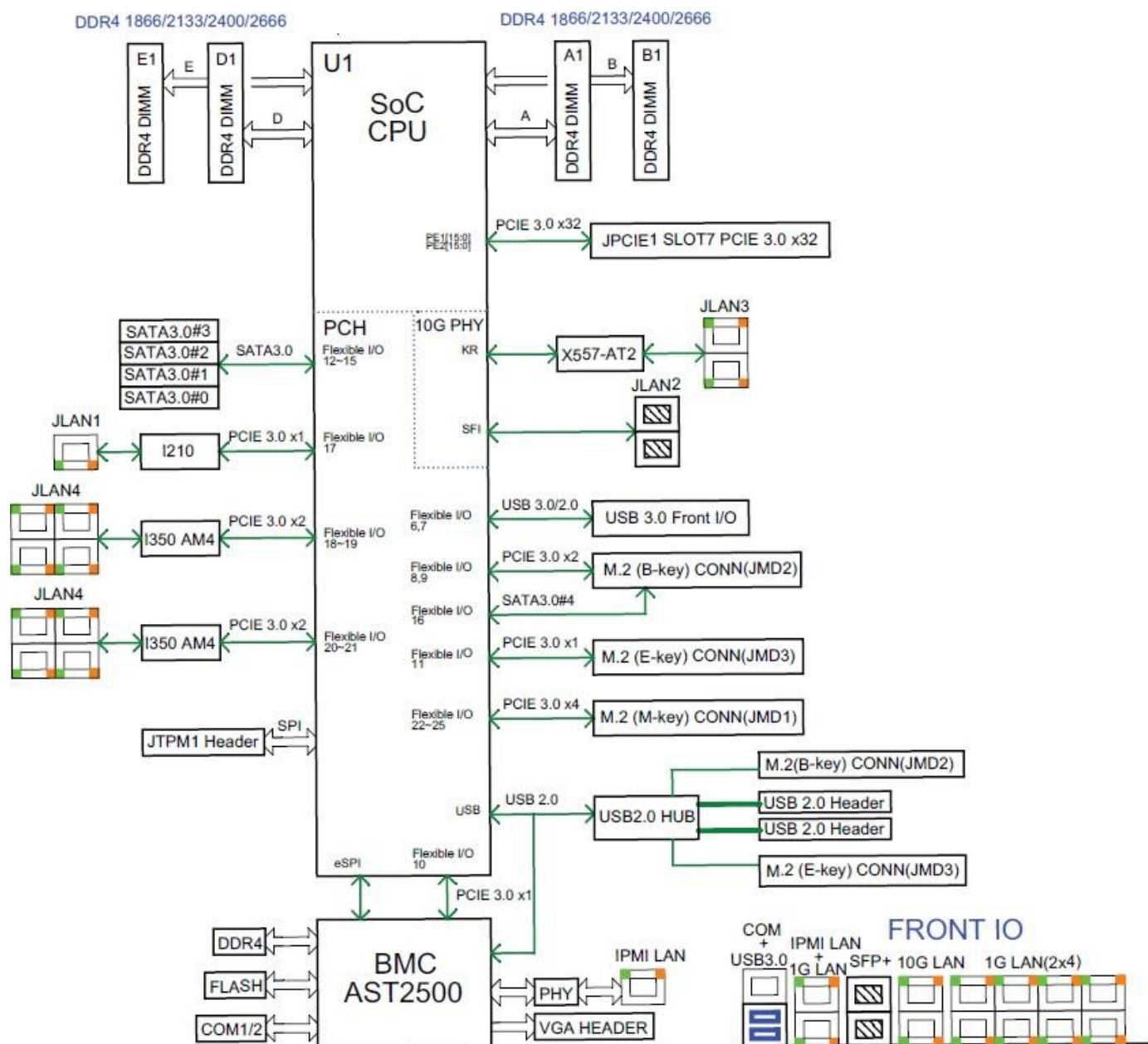
System BIOS

- 128Mb SPI Flash with AMI BIOS

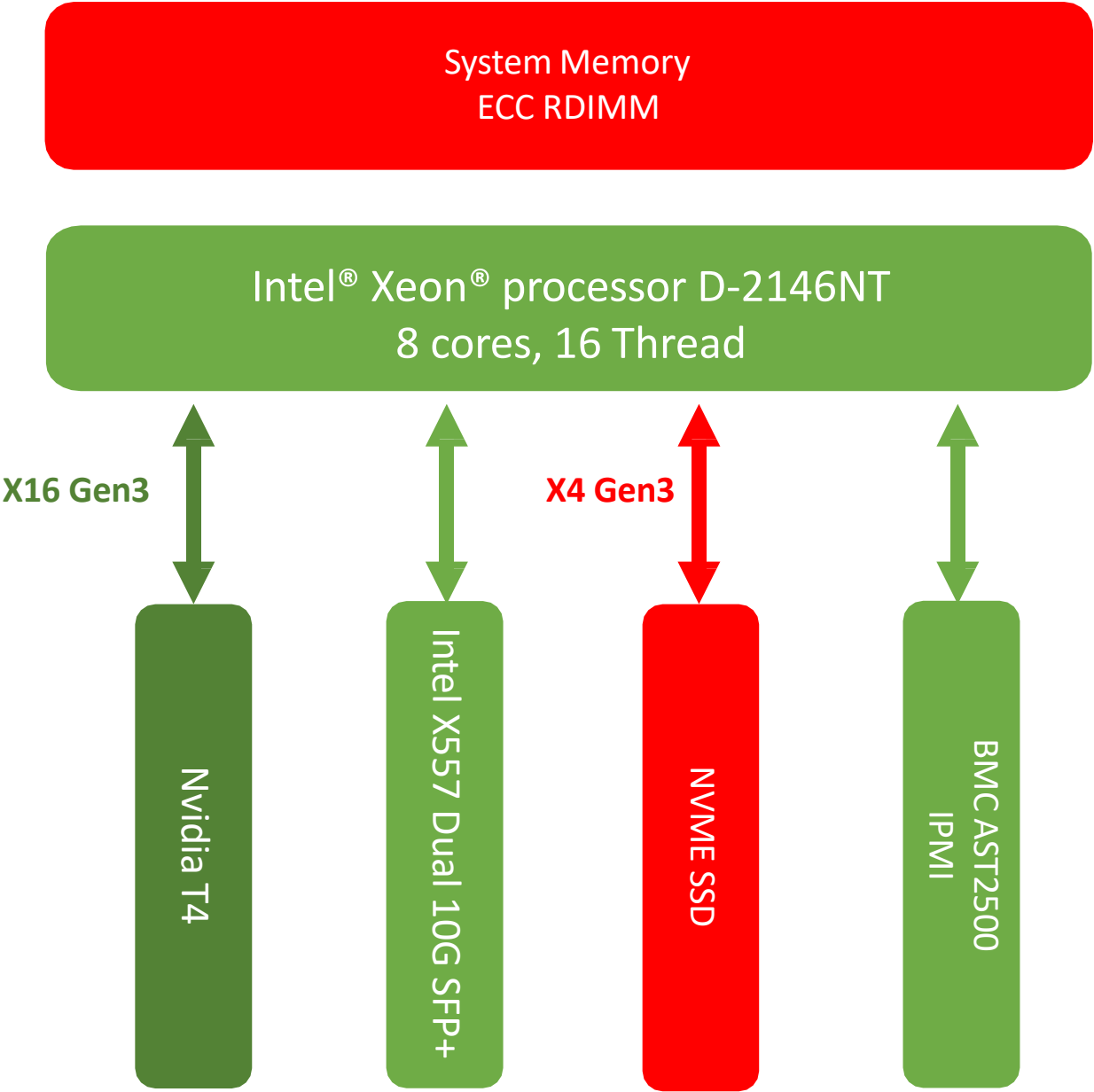
Management

- Intel® Node Manager
- IPMI 2.0
- NMI
- SUM
- Watch Dog
- SuperDoctor® 5

Block Diagram



Product Topology



Ordering Information

Product name	Description
AIS-D422-A112A2T1	Intel® Xeon® D-2146NT Processor/32GBx1 DDR4-2666 RDIMM / 1TB NVME SSD / NVIDIA T4 x1
AIS-D422-A113A2T1	Intel® Xeon® D-2146NT Processor/32GBx2 DDR4-2666 RDIMM / 1TB NVME SSD / NVIDIA T4 x1
AIS-D422-A013A2T2	Intel® Xeon® D-2146NT Processor/32GBx2 DDR4-2666 RDIMM / 1TB NVME SSD / NVIDIA T4 x2