EVIDEN

BullSequana Agility

BullSequana SA11i

The BullSequana Agility family features a versatile range of 1- and 2-socket BullSequana SA servers, manufactured in France and powered by the latest generations of AMD EPYC™ and Intel® Xeon® Scalable processors. The servers are ideally suited for virtualized workloads and all modern architecture patterns, such as private and hybrid clouds, containerized infrastructures, hyper-converged and scale-out solutions. Various GPU options enable acceleration of AI/ML, video processing and image rendering workloads. BullSequana SA servers are delivered as standalone units or fully integrated in racks, along with networking and storage components to drastically reduce time to value.

Powered by the highest performance 4th Gen Intel® Xeon® Scalable Series processors with full memory capacity and large drive forms factors, **BullSequana SA11i** is the perfect cost-effective platform for bare metal or virtualized general-purpose workloads, large scale-out storage repositories and high storage capacity hyper-converged platforms. The rich PCI expansion capabilities enable the maximum external connectivity.

intel XEON PLATINUM

Features

- Single 4th Generation Intel® Xeon® Scalable processor
- 8-channel RDIMM DDR5, 16 x DIMMs
- Dual ROM technology supported
- 1 x 1Gb/s LAN port (Intel® I210-AT)
- 1 x Dedicated management port

- 4 x 3.5"/2.5" NVMe/SAS/SATA hot-swappable bays
  8 x 3.5"/2.5" SAS/SATA hot-swappable bays
- 2 x PCIe Gen5 expansion slots
- 2 x OCP 3.0 Gen5 mezzanine slots
- Dual 1300W 80 PLUS Titanium redundant power supply

Technical specifications

Dimensions	2U (W438 x H87.5 x D700 mm)
CPU	4th Generation Intel® Xeon® Scalable processors Single Intel® Xeon® Platinum, Gold or Silver processor CPU TDP up to 350W
Memory	16 x DIMM slots 8-channel DDR5 memory RDIMM modules up to 64GB supported 3DS RDIMM modules up to 256GB* supported Memory speed: up to 4800 MT/s (1DPC), 4400 MT/s (2DPC)
LAN	1 x 1Gb/s LAN ports (1 x Intel® I210-AT) Supported NCSI function 1 x 10/100/1000 management LAN
Video	Integrated in Aspeed® AST2600 2D Video Graphic Adapter with PCIe bus interface 1920x1200@60Hz 32bpp,
Storage	4 x 3.5"/2.5" NVMe/SATA/SAS hot-swappable bays 8 x 3.5"/2.5" SATA/SAS hot-swappable bays SAS card is required for SAS devices support
Expansion Slots	2 x PCIe Gen5 x16 FHHL slots 2 x PCIe Gen5 x16 OCP 3.0 slots Supported NCSI function 1 x M.2 slot (M-key, PCIe Gen3 x4, NGF 2280/22110)

*256GB: check for availability with your sales representative

Front I/O	2 x USB 3.2 Gen1
Rear I/O	2 x USB 3.2 Gen1, 1 x Mini-DP, 1 x RJ45, 1 x MLAN
Backpane I/O bandwith	PCIe Gen4 x4 or SATA 6Gb/s or SAS 12Gb/s
TPM	1 x TPM header with SPI interface Optional TPM2.0 kit
Power supply	Dual 1300W (240V) 80 PLUS Titanium redundant power supply AC input: 100-240V
System fans	4 x 80x80x38 mm (18,300 rpm)
System management	Aspeed® AST2500 management controller Built-in html5 GUI iKVM RBAC, LDAP integration, RADIUS support SNMP, IPMI and Redfish management protocols SNMP trap, email and Redfish event notifications GSM server/ GSM agent for centralize monitoring of multiple BullSequana SA servers
Operating conditions	Operating temperature: 10°C to 35°C Operating humidity: 8-80% (non-condensing Non-operating temperature: -40°C to 60°C Non-operating humidity: 20%-95% (non-condensing)
OS support	Windows Server 2019 / 2022 RHEL 9 VMware vSphere 8

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