S1206(S311 1U) Component AVL List

CPU

Vendor	Code Name	Processor Number	Freq	TDP	Cores	Stepping	Socket	Qty	Model
AMD	Genoa	9224	2.50GHz	200W	24Cores	PR	SP5	2P	100-000000939-00
AMD	Genoa	9124	3.00GHz	200W	16Cores	PR	SP5	2P	100-000000802-00
AMD	Genoa	9374F	3.85GHz	320W	32Cores	PR	SP5	2P	100-000000792-00
AMD	Genoa	9634	2.25GHz	290W	84Cores	PR	SP5	2P	100-000000797-00
AMD	Genoa	9334	2.70GHz	210W	32Cores	PR	SP5	2P	100-000000800-00
AMD	Genoa	9654	2.40GHz	360W	96Cores	PR	SP5	2P	100-000000789-00
AMD	Genoa	9174F	4.1GHz	320W	16Cores	PR	SP5	2P	100-000000796-00
AMD	Genoa	9554	3.10GHz	360W	64Cores	PR	SP5	2P	100-000000790-00
AMD	Genoa	9354	3.25GHz	280W	32Cores	PR	SP5	2P	100-000000798-00
AMD	Genoa	9474F	3.60GHz	360W	48Cores	PR	SP5	2P	100-000000788-00
AMD	Genoa	9454P	2.75GHz	290W	48Cores	PR	SP5	2P	100-000000873-00
AMD	Genoa	9554P	3.1GHz	360W	64Cores	PR	SP5	2P	100-000000804-00
AMD	Genoa	9354P	3.25GHz	280W	32Cores	PR	SP5	2P	100-000000805-00
AMD	Genoa	9274F	4.05GHz	320W	24Cores	PR	SP5	2P	100-000000794-00
AMD	Genoa	9254	2.9GHz	200W	24Cores	PR	SP5	2P	100-000000480-00
AMD	Bergamo	9754	3.1GHz	360W	128Cores	PR	SP5	2P	100-000000667-00
AMD	Bergamo	9734	3.0GHz	340W	112Cores	PR	SP5	2P	100-000000669-00
AMD	Turin	9555	3.2GHz	360W	64Cores	PR	SP5	2P	100-000001142-00
AMD	Turin	9135	3.65GHz	200W	16Cores	PR	SP5	2P	100-000001150-00
AMD	Turin	9355	3.55GHz	280W	32Cores	PR	SP5	2P	100-000001148-00
AMD	Turin	9115	2.6GHz	125W	16Cores	PR	SP5	2P	100-000001552-00
AMD	Turin	9015	3.6GHz	125W	8Cores	PR	SP5	2P	100-000001553-00
AMD	Turin	9535	2.4GHz	300W	64Cores	PR	SP5	2P	100-000001147-00
AMD	Turin	9375F	3.85GHz	320W	32Cores	PR	SP5	2P	100-000001197-00
AMD	Turin	9455	3.15GHz	300W	48Cores	PR	SP5	2P	100-000001542-00

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Memory

Vendor	Description	DDR	ECC	DIMM Type	Capacity	Rank	Speed	Model	Qty
SKHynix	SKHynix / DDR5 / ECC / Registered DIMM / 96GB / 2R*4 / 6400MHz /HMCGM4MHBRB505N / 24DIMMs	DDR5	ECC	Registered DIMM	96GB	2R*4	6400MT/s	HMCGM4MHBRB505N	24DIMMs
SKHynix	SKHynix / DDR5 / ECC / Registered DIMM / 32GB / 2R*8 / 5600MHz / HMCG88AGBRA186N / 24DIMMs	DDR5	ECC	Registered DIMM	32GB	2R*8	5600MHz	HMCG88AGBRA186N	24DIMMs
SKHynix	SKHynix / DDR5 / ECC / Registered DIMM / 32GB / 1R*4 / 5600MHz / HMCG84AGBRA190N / 24DIMMs	DDR5	ECC	Registered DIMM	32GB	1R*4	5600MHz	HMCG84AGBRA190N	24DIMMs
Samsung	Samsung / DDR5 / ECC / Registered DIMM / 96GB / 2R*4 / 6400MHz / M321RYGA0PB2-CCPKC / 24DIMMs	DDR5	ECC	Registered DIMM	96GB	2R*4	6400MT/s	M321RYGA0PB2-CCPKC	24DIMMs
Samsung	Samsung / DDR5 / ECC / Registered DIMM / 32GB / 2R*8 / 5600MHz / M321R4GA3PB0-CWM / 24DIMMs	DDR5	ECC	Registered DIMM	32GB	2R*8	5600MHz	M321R4GA3PB0-CWM	24DIMMs
Samsung	Samsung / DDR5 / ECC / Registered DIMM / 64GB / 2R*4 / 5600MHz / M321R8GA0PB0-CWM / 24DIMMs	DDR5	ECC	Registered DIMM	64GB	2R*4	5600MHz	M321R8GA0PB0-CWM	24DIMMs
Samsung	Samsung / DDR5 / ECC / Registered DIMM / 16GB / 1R*8 / 4800MHz / M321R2GA3BB6-CQK / 24DIMMs	DDR5	ECC	Registered DIMM	16GB	1R*8	4800MHz	M321R2GA3BB6-CQK	24DIMMs
Samsung	Samsung / DDR5 / ECC / RegisteredDIMM / 16GB / 1R*8 / 4800MHz / M321R2GA3BB6-CQK / 24DIMMs	DDR5	ECC	RegisteredDIMM	16GB	1R*8	4800MHz	M321R2GA3BB6-CQK	24DIMMs
Samsung	Samsung / DDR5 / ECC / Registered DIMM / 128GB / 4R*4 / 4800MHz / M321RAGA0B20-CWK / 24DIMMs	DDR5	ECC	Registered DIMM	128GB	4R*4	4800MHz	M321RAGA0B20-CWK	24DIMMs
Samsung	Samsung / DDR5 / ECC / Registered DIMM / 64GB / 2R*4 / 4800MHz / M321R8GA0BB0-CQK / 24DIMMs	DDR5	ECC	Registered DIMM	64GB	2R*4	4800MHz	M321R8GA0BB0-CQK	24DIMMs
Samsung	Samsung / DDR5 / ECC / RegisteredDIMM / 64GB / 2R*4 / 4800MHz / M321R8GA0BB0-CQK / 24DIMMs	DDR5	ECC	RegisteredDIMM	64GB	2R*4	4800MHz	M321R8GA0BB0-CQK	24DIMMs
Samsung	Samsung / DDR5 / ECC / Registered DIMM / 32GB / 2R*8 / 4800MHz / M321R4GA0BB0-CQK / 24DIMMs	DDR5	ECC	Registered DIMM	32GB	2R*8	4800MHz	M321R4GA0BB0-CQK	24DIMMs
Samsung	Samsung / DDR5 / ECC / Registered DIMM / 64GB / 2R / 4800MHz / M321R8GA0BB0-CQKVG / 24DIMMs	DDR5	ECC	Registered DIMM	64GB	2R	4800MHz	M321R8GA0BB0-CQKVG	24DIMMs
Micron	Micron / DDR5 / ECC / Registered DIMM / 64GB / 2R*4 / 6400MHz / MTC40F2046S1RC64BD2 / 24DIMMs	DDR5	ECC	Registered DIMM	64GB	2R*4	6400MT/s	MTC40F2046S1RC64BD2	24DIMMs
Micron	Micron / DDR5 / ECC / Registered DIMM / 64GB / 2R*4 / 5600MHz / MTC40F2046S1RC56BD1 / 24DIMMs	DDR5	ECC	Registered DIMM	64GB	2R*4	5600MHz	MTC40F2046S1RC56BD1	24DIMMs
Micron	Micron / DDR5 / ECC / Registered DIMM / 32GB / 2R*8 / 5600MHz / MTC20F2085S1RC56BD1 / 24DIMMs	DDR5	ECC	Registered DIMM	32GB	2R*8	5600MHz	MTC20F2085S1RC56BD1	24DIMMs
Micron	Micron / DDR5 / ECC / Registered DIMM / 96GB / 2R*4 / 4800MHz / MTC40F204WS1RC48BB1 / 24DIMMs	DDR5	ECC	Registered DIMM	96GB	2R*4	4800MHz	MTC40F204WS1RC48BB1	24DIMMs
Micron	Micron / DDR5 / ECC / Registered DIMM / 48GB / 2R*8 / 4800MHz / MTC20F208XS1RC48BB1 / 24DIMMs	DDR5	ECC	Registered DIMM	48GB	2R*8	4800MHz	MTC20F208XS1RC48BB1	24DIMMs
Micron	Micron / DDR5 / ECC / Registered DIMM / 64GB / 2R*8 / 4800MHz / MTC40F2046S1RC48BA1 / 24DIMMs	DDR5	ECC	Registered DIMM	64GB	2R*8	4800MHz	MTC40F2046S1RC48BA1	24DIMMs
Micron	Micron / DDR5 / ECC / Registered DIMM / 32GB / 2R*8 / 4800MHz / MTC20F2085S1RC48BA1 / 24DIMMs	DDR5	ECC	Registered DIMM	32GB	2R*8	4800MHz	MTC20F2085S1RC48BA1	24DIMMs
Micron	Micron / DDR5 / ECC / RegisteredDIMM / 32GB / 2R*8 / 4800MHz / MTC20F2085S1RC48BA1 / 24DIMMs	DDR5	ECC	RegisteredDIMM	32GB	2R*8	4800MHz	MTC20F2085S1RC48BA1	24DIMMs
Micron	Micron / DDR5 / ECC / Registered DIMM / 64GB / 2R*4 / 4800MHz / MTC40F2046S1RC48BA1 / 24DIMMs	DDR5	ECC	Registered DIMM	64GB	2R*4	4800MHz	MTC40F2046S1RC48BA1	24DIMMs
Micron	Micron / DDR5 / ECC / Registered DIMM / 16GB / 1R*8 / 4800MHz / MTC10F1084S1RC48BA1 / 24DIMMs	DDR5	ECC	Registered DIMM	16GB	1R*8	4800MHz	MTC10F1084S1RC48BA1	24DIMMs

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NIC

Vendor	Description	Interface	Model	Features	Connectors	Form Factor	Type
Broadcom	Broadcom / PCI Express Gen3.0 x8 / BCM957414A4142CC P225P / LAN Speed 25G *2 / SFP28 / Low Profile / PCIe Adapters	PCI Express Gen3.0 x8	BCM957414A4142CC P225P	LAN Speed 25G *2	SFP28	Low Profile	PCIe Adapters
Broadcom	Broadcom / PCI Express Gen4.0 x16 / BCM957504-P425G / LAN Speed 25G *4 / SFP28 / Low Profile / PCIe Adapters	PCI Express Gen4.0 x16	BCM957504-P425G	LAN Speed 25G *4	SFP28	Low Profile	PCIe Adapters
Intel	Intel / PCI Express Gen4.0 x16 / E810 / LAN Speed 25G *4 / SFP28 / Full Height / PCIe Adapters	PCI Express Gen4.0 x16	E810	LAN Speed 25G *4	SFP28	Full Height	PCIe Adapters
Intel	Intel / PCI Express Gen4.0 x8 / E810-XXVDA2 / LAN Speed 25G *2 / SFP28 / Low Profile / PCIe Adapters	PCI Express Gen4.0 x8	E810-XXVDA2	LAN Speed 25G *2	SFP28	Low Profile	PCIe Adapters
Intel	Intel / PCI Express Gen3.1 x1 / I225-T1 / LAN Speed 2.5G *1 / RJ45 / Low Profile / PCIe Adapters	PCI Express Gen3.1 x1	I225-T1	LAN Speed 2.5G *1	RJ45	Low Profile	PCIe Adapters
Mellanox	Mellanox / PCI Express Gen4.0 x16 / MCX653106A-ECAT / LAN Speed 100G *2 / QSFP56 / Low Profile / Infiniband	PCI Express Gen4.0 x16	MCX653106A-ECAT	LAN Speed 100G *2	QSFP56	Low Profile	Infiniband
Mellanox	Mellanox / PCI Express Gen4.0 x16 / MCX653106A-HDAT / LAN Speed 100G *2 / QSFP56 / Low Profile / Infiniband	PCI Express Gen4.0 x16	MCX653106A-HDAT	LAN Speed 100G *2	QSFP56	Low Profile	Infiniband
Mellanox	Mellanox / PCI Express Gen4.0 x8 / CX631102A / LAN Speed 25G *2 / SFP28 / Low Profile / PCIe Adapters	PCI Express Gen4.0 x8	CX631102A	LAN Speed 25G *2	SFP28	Low Profile	PCIe Adapters
MSI	MSI / OCP3.0 x8 / 609-S258D-03S / LAN Speed 10G *2 / SFP+ / Small Form Factor / OCP Adapters	OCP3.0 x8	609-S258D-03S	LAN Speed 10G *2	SFP+	Small Form Factor	OCP Adapters
NVIDIA	NVIDIA / PCI Express Gen5.0 x16 / MCX75310AAS-NEAT / LAN Speed 400G *1 / OSFP / Half-Height, Half-Length / InfiniBand	PCI Express Gen5.0 x16	MCX75310AAS-NEAT	LAN Speed 400G *1	OSFP	Half-Height, Half-Length	InfiniBand
NVIDIA	NVIDIA / PCI Express Gen5.0 x16 / MCX755106AS-HEAT / LAN Speed 200G *2 / QSFP112 / Half-Height, Half-Length / InfiniBand	PCI Express Gen5.0 x16	MCX755106AS-HEAT	LAN Speed 200G *2	QSFP112	Half-Height, Half-Length	InfiniBand
Broadcom	Broadcom / OCP3.0 x16 / BCM957504-N425G / LAN Speed 25G *4 / SFP28 / Small Form Factor / OCP Adapters	OCP3.0 x16	BCM957504-N425G	LAN Speed 25G *4	SFP28	Small Form Factor	OCP Adapters
Broadcom	Broadcom / OCP3.0 x16 / BCM957504-N1100G / LAN Speed 100G *1 / QSFP56 / Small Form Factor / OCP Adapters	OCP3.0 x16	BCM957504-N1100G	LAN Speed 100G *1	QSFP56	Small Form Factor	OCP Adapters
Broadcom	Broadcom / OCP3.0 x16 / BCM957508-N2100G / LAN Speed 100G *2 / QSFP / Small Form Factor / OCP Adapters	OCP3.0 x16	BCM957508-N2100G	LAN Speed 100G *2	QSFP	Small Form Factor	OCP Adapters
Intel	Intel / OCP3.0 x16 / E810CQDA1OCPV3 / LAN Speed 100G *1 / QSFP28 / Small Form Factor / OCP Adapters	OCP3.0 x16	E810CQDA1OCPV3	LAN Speed 100G *1	QSFP28	Small Form Factor	OCP Adapters

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Storage card

Vendor	Description	Interface	Model	Connectors	Features	Form Factor	Type
GRAID	GRAID / PCI Express Gen3.0 x16 / SR-BUN-1000-FD32 / SAS; SATA; NVME / Low-Profile / RAID card	PCI Express Gen3.0 x16	SR-BUN-1000-FD32	NA	SAS; SATA; NVME	Low-Profile	RAID card
GRAID	GRAID / PCI Express Gen4.0 x16 / SR-BUN-1010-FD32 / SAS; SATA; NVME / Low-Profile / RAID card	PCI Express Gen4.0 x16	SR-BUN-1010-FD32	NA	SAS; SATA; NVME	Low-Profile	RAID card
Broadcom	Broadcom / PCI Express Gen4.0 x8 / MegaRAID 9560-8I / 1x8 SFF-8654 / SAS; SATA; NVME / Low-Profile / RAID card	PCI Express Gen4.0 x8	MegaRAID 9560-8I	1x8 SFF-8654	SAS; SATA; NVME	Low-Profile	RAID card
Broadcom	Broadcom / PCI Express Gen4.0 x8 / MegaRAID 9560-16I / 2x8 SFF-8654 / SAS; SATA; NVME / Low-Profile / RAID card	PCI Express Gen4.0 x8	MegaRAID 9560-16I	2x8 SFF-8654	SAS; SATA; NVME	Low-Profile	RAID card
MSI	MSI / PCI Express Gen3.0 x8 / MS-S101B / 2 x Mini-SAS HD SFF8643 / SAS; SATA / Low-Profile / RAID card	PCI Express Gen3.0 x8	MS-S101B	2 x Mini-SAS HD SFF8643	SAS; SATA	Low-Profile	RAID card
Avago	Avago / PCI Express Gen3.0 x8 / Avago 9362-8I / 2x SFF8643 / SAS; SATA / Low-Profile / RAID card	PCI Express Gen3.0 x8	Avago 9362-8I	2x SFF8643	SAS; SATA	Low-Profile	RAID card

S1206(S311 1U) Component AVL List

Storage_M2

Vendor	Description	Model	Interface	Type	Capacity	Form Factor	Work temp
Innodisk	Innodisk / DEM28-A28M61EWAQF-ONP100GB / PCI Express Gen3.0 x4 / M.2 / 100GB / 2280 / -40C~85C / R:2000MB/s;W:1850MB/s	DEM28-A28M61EWAQF-ONP100GB	PCI Express Gen3.0 x4	M.2	100GB	2280	-40C~85C
Crucial	Crucial / MTFDKBA960TFR-1BC1ZABYY / PCI Express Gen4.0 x4 / M.2 / 960GB / 2280 / 0C~70C / R:5000MB/s;W:1400MB/s	MTFDKBA960TFR-1BC1ZABYY	PCI Express Gen4.0 x4	M.2	960GB	2280	0C~70C
Samsung	Samsung / MZVL21T0HCLR-00B00 / PCI Express Gen4.0 x4 / M.2 / 1TB / 2280 / -40C~85C / R:7000MB/s;W:5100MB/s	MZVL21T0HCLR-00B00	PCI Express Gen4.0 x4	M.2	1TB	2280	-40C~85C
Samsung	Samsung / MZVL22T0HBLB-00B00 / PCI Express Gen4.0 x4 / M.2 / 2TB / 2280 / -40C~85C / R:7000MB/s;W:5200MB/s	MZVL22T0HBLB-00B00	PCI Express Gen4.0 x4	M.2	2TB	2280	-40C~85C
Micron	Micron / MTFDHBA512QFD-1AX1AABYY / PCI Express Gen3.0 x4 / M.2 / 512GB / 0C~70C / 2280 / R:2200MB/s;W:1070MB/s	MTFDHBA512QFD-1AX1AABYY	PCI Express Gen3.0 x4	M.2	512GB	2280	0C~70C
ADATA	ADATA / IM2P33E8-512GP / PCI Express Gen3.0 x4 / M.2 / 512GB / 2280 / 0C~70C / R:3400MB/s;W:2800MB/s	IM2P33E8-512GP	PCI Express Gen3.0 x4	M.2	512GB	2280	0C~70C
Apacer	Apacer / APP240G1DC-01VWD / PCI Express Gen3.0 x4 / M.2 / 240GB / 2280 / -40C~85C / R:2430MB/s;W:1040MB/s	APP240G1DC-01VWD	PCI Express Gen3.0 x4	M.2	240GB	2280	-40C~85C
Transcend	Transcend / TS128GMTE550T / PCI Express Gen3.0 x4 / M.2 / 128GB / 0C~70C / 2280 / R:1600MB/s;W:400MB/s	TS128GMTE550T	PCI Express Gen3.0 x4	M.2	128GB	2280	0C~70C
Crucial	Crucial / MTFDKBA480TFR-1BC1ZABYY / PCI Express Gen4.0 x4 / M.2 / 480GB / 2280 / 0C~70C / R:5000MB/s;W:700MB/s	MTFDKBA480TFR-1BC1ZABYY	PCI Express Gen4.0 x4	M.2	480GB	2280	0C~70C
Innodisk	Innodisk / DGM28-01TDP1KCCEF-A44 / PCI Express Gen4.0 x4 / M.2 / 1TB / 2280 / 0C~70C / R:7150MB/s;W:5250MB/s	DGM28-01TDP1KCCEF-A44	PCI Express Gen4.0 x4	M.2	1TB	2280	0C~70C
Innodisk	Innodisk / DGM28-C12DP1KCCEF-A44 / PCI Express Gen4.0 x4 / M.2 / 512GB / 2280 / 0C~70C / R:7150MB/s;W:5250MB/s	DGM28-C12DP1KCCEF-A44	PCI Express Gen4.0 x4	M.2	512GB	2280	0C~70C

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Storage_NVME

Vendor	Description	Model	Interface	Capacity	Form Factor	Performance
Intel	Intel / SSDPF2KX038TZ / PCI Express Gen4.0 x4 / 3.84TB / U.2	SSDPF2KX038TZ	PCI Express Gen4.0 x4	3.84TB	U.2	NA
Samsung	Samsung / MZQL21T9HCJR-00A07 / PCI Express Gen4.0 x4 / 1.92TB / U.2	MZQL21T9HCJR-00A07	PCI Express Gen4.0 x4	1.92TB	U.2	NA
Samsung	Samsung / MZQL2960HCJR-00A07 / PCI Express Gen4.0 x4 / 960GB / U.2	MZQL2960HCJR-00A07	PCI Express Gen4.0 x4	960GB	U.2	NA