

S1102-01(S336) AVL List

CPU

Vendor	Code Name	Processor Number	Freq	TDP	Cores	Stepping	Socket	Qty	Model
AMD	Epyc4004	4124P	3.8GHz	65W	4Cores	PR	AM5	1P	100-000001570-00
AMD	Epyc4004	4244P	3.8GHz	65W	6Cores	PR	AM5	1P	100-000001480-00
AMD	Epyc4004	4344P	3.8GHz	65W	8Cores	PR	AM5	1P	100-000001479-00
AMD	Epyc4004	4364P	4.5GHz	105W	8Cores	PR	AM5	1P	100-000001477-00
AMD	Epyc4004	4464P	3.7GHz	65W	12Cores	PR	AM5	1P	100-000001478-00
AMD	Ryzen5	7500F	3.7GHz	65W	6Cores	PR	AM5	1P	100-000000597
AMD	Ryzen5	7600X	4.7GHz	105W	6Cores	PR	AM5	1P	100-000000593
AMD	Ryzen7	7700X	4.5GHz	105W	8Cores	PR	AM5	1P	100-000000591
AMD	Ryzen9	7900	3.7GHz	65W	12Cores	PR	AM5	1P	100-000000590
AMD	GraniteRidge	AMDRyzen7 9700X	3.8GHz	65W	8Cores	PC	AM5	1P	100-000001404-20
AMD	GraniteRidge	AMDRyzen5 9600X	3.9GHz	65W	6Cores	PC	AM5	1P	100-000001405-10
AMD	Epyc4005	4245P	3.9GHz	65W	6Cores	NA	AM5	1P	100-000001555-00
AMD	Epyc4005	4345P	3.8GHz	65W	8Cores	NA	AM5	1P	100-000001556-00

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Memory

Vendor	Description	DDR	ECC	DIMM Type	Capacity	Rank	Freq	Model	Qty
Crucial	Crucial / DDR5 / Non-ECC / UnbufferDIMM / 8GB / 1R*16 / 4800MT/s / CT8G48C40U5 / 4DIMMs	DDR5	Non-ECC	UnbufferDIMM	8GB	1R*16	4800MT/s	CT8G48C40U5	4DIMMs
Crucial	Crucial / DDR5 / Non-ECC / UnbufferDIMM / 16GB / 1R*8 / 4800MT/s / CT16G48C40U5 / 4DIMMs	DDR5	Non-ECC	UnbufferDIMM	16GB	1R*8	4800MT/s	CT16G48C40U5	4DIMMs
Crucial	Crucial / DDR5 / Non-ECC / UnbufferDIMM / 32GB / 2R*8 / 4800MT/s / CT32G48C40U5 / 4DIMMs	DDR5	Non-ECC	UnbufferDIMM	32GB	2R*8	4800MT/s	CT32G48C40U5	4DIMMs
Crucial	Crucial / DDR5 / NA / UnbufferDIMM / 16GB / 1R*8 / 5600MT/s / CT16G56C46U5 / 4DIMMs	DDR5	NA	UnbufferDIMM	16GB	1R*8	5600MT/s	CT16G56C46U5	4DIMMs
Micron	Micron / DDR5 / ECC / UnbufferDIMM / 16GB / 1R*8 / 4800MT/s / MTC10C1084S1EC48BA1 / 4DIMMs	DDR5	ECC	UnbufferDIMM	16GB	1R*8	4800MT/s	MTC10C1084S1EC48BA1	4DIMMs
Micron	Micron / DDR5 / ECC / UnbufferDIMM / 32GB / 2R*8 / 4800MT/s / MTC20C2085S1EC48BA1 / 4DIMMs	DDR5	ECC	UnbufferDIMM	32GB	2R*8	4800MT/s	MTC20C2085S1EC48BA1	4DIMMs
Samsung	Samsung / DDR5 / Non-ECC / UnbufferDIMM / 16GB / 1R*8 / 4800MT/s / M323R2GA3BB0-CQKOL / 4DIMMs	DDR5	Non-ECC	UnbufferDIMM	16GB	1R*8	4800MT/s	M323R2GA3BB0-CQKOL	4DIMMs
Samsung	Samsung / DDR5 / Non-ECC / UnbufferDIMM / 32GB / 2R*8 / 4800MT/s / M323R4GA3BB0-CQKOL / 4DIMMs	DDR5	Non-ECC	UnbufferDIMM	32GB	2R*8	4800MT/s	M323R4GA3BB0-CQKOL	4DIMMs
Samsung	Samsung / DDR5 / Non-ECC / UnbufferDIMM / 8GB / 1R*16 / 4800MT/s / M323R1GB4BB0-CQKOL / 4DIMMs	DDR5	Non-ECC	UnbufferDIMM	8GB	1R*16	4800MT/s	M323R1GB4BB0-CQKOL	4DIMMs
Samsung	Samsung / DDR5 / ECC / UnbufferDIMM / 16GB / 1R*8 / 4800MT/s / M324R2GA3BB0-CQK / 4DIMMs	DDR5	ECC	UnbufferDIMM	16GB	1R*8	4800MT/s	M324R2GA3BB0-CQK	4DIMMs
Samsung	Samsung / DDR5 / ECC / UnbufferDIMM / 32GB / 2R*8 / 4800MT/s / M324R4GA3BB0-CQK / 4DIMMs	DDR5	ECC	UnbufferDIMM	32GB	2R*8	4800MT/s	M324R4GA3BB0-CQK	4DIMMs
SKHynix	SKHynix / DDR5 / Non-ECC / UnbufferDIMM / 32GB / 2R*8 / 5600MT/s / HMC G88AGBUA084N / 4DIMMs	DDR5	Non-ECC	UnbufferDIMM	32GB	2R*8	5600MT/s	HMC G88AGBUA084N	4DIMMs

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NIC

Vendor	Description	Interface	Model	Features	Connectors	Form Factor	Type
Broadcom	Broadcom / PCIExpressGen4.0x16 / BCM957504-P425G / LANSpeed25G*4 / SFP28 / LowProfile / PCIeAdapters	PCIExpressGen4.0x16	BCM957504-P425G	LANSpeed25G*4	SFP28	LowProfile	PCIeAdapters
Intel	Intel / PCIExpressGen3.1x1 / I225-T1 / LANSpeed2.5G*1 / RJ45 / LowProfile / PCIeAdapters	PCIExpressGen3.1x1	I225-T1	LANSpeed2.5G*1	RJ45	LowProfile	PCIeAdapters
Intel	Intel / PCIExpressGen3.0x8 / X710-T2L / LANSpeed10G*2 / RJ45 / LowProfile / PCIeAdapters	PCIExpressGen3.0x8	X710-T2L	LANSpeed10G*2	RJ45	LowProfile	PCIeAdapters
Mellanox	Mellanox / PCIExpressGen4.0x8 / CX631102A / LANSpeed25G*2 / SFP28 / LowProfile / PCIeAdapters	PCIExpressGen4.0x8	CX631102A	LANSpeed25G*2	SFP28	LowProfile	PCIeAdapters
NVIDIA	NVIDIA / PCIExpressGen5.0x16 / MCX75310AAS-NEAT / LANSpeed400G*1 / OSFP / Half-Height,Half-Length / InfiniBand	PCIExpressGen5.0x16	MCX75310AAS-NEAT	LANSpeed400G*1	OSFP	Half-Height,Half-Length	InfiniBand

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Storage_M2

Vendor	Description	Model	Interface	Type	Capacity	Form Factor	Work temp	Performance
Crucial	Crucial / MTFDKBG960TFR-1BC1ZABYY / PCIExpressGen4.0x4 / M.2 / 960GB / 22110 / 0C~70C / R:5000MB/s;W:1400MB/s	MTFDKBG960TFR-1BC1ZABYY	PCIExpressGen4.0x4	M.2	960GB	22110	0C~70C	R:5000MB/s;W:1400MB/s
Crucial	Crucial / MTFDKBA960TFR-1BC1ZABYY / PCIExpressGen4.0x4 / M.2 / 960GB / 2280 / 0C~70C / R:5000MB/s;W:1400MB/s	MTFDKBA960TFR-1BC1ZABYY	PCIExpressGen4.0x4	M.2	960GB	2280	0C~70C	R:5000MB/s;W:1400MB/s
Crucial	Crucial / MTFDKBA480TFR-1BC1ZABYY / PCIExpressGen4.0x4 / M.2 / 480GB / 2280 / 0C~70C / R:5000MB/s;W:700MB/s	MTFDKBA480TFR-1BC1ZABYY	PCIExpressGen4.0x4	M.2	480GB	2280	0C~70C	R:5000MB/s;W:700MB/s
Samsung	Samsung / MZ-1L21T90 / PCIExpressGen4.0x4 / M.2 / 1.92TB / 22110 / NA / R:5500MB/s;W:2000MB/s	MZ-1L21T90	PCIExpressGen4.0x4	M.2	1.92TB	22110	NA	R:5500MB/s;W:2000MB/s
Samsung	Samsung / MZVL21T0HCLR-00B00 / PCIExpressGen4.0x4 / M.2 / 1TB / 2280 / -40C~85C / R:7000MB/s;W:5100MB/s	MZVL21T0HCLR-00B00	PCIExpressGen4.0x4	M.2	1TB	2280	-40C~85C	R:7000MB/s;W:5100MB/s
Samsung	Samsung / MZVL22T0HBLB-00B00 / PCIExpressGen4.0x4 / M.2 / 2TB / 2280 / -40C~85C / R:7000MB/s;W:5200MB/s	MZVL22T0HBLB-00B00	PCIExpressGen4.0x4	M.2	2TB	2280	-40C~85C	R:7000MB/s;W:5200MB/s
Samsung	Samsung / MZVL4512HBLU-00BTW / PCIExpressGen4.0x4 / M.2 / 512GB / 2280 / -40C~85C / R:3500MB/s;W:2500MB/s	MZVL4512HBLU-00BTW	PCIExpressGen4.0x4	M.2	512GB	2280	-40C~85C	R:3500MB/s;W:2500MB/s
Samsung	Samsung / MZVL21T0HCLR / PCIExpressGen4.0x4 / M.2 / 1TB / 2280 / 0C~70C / R:7000MB/sW:5000MB/s	MZVL21T0HCLR	PCIExpressGen4.0x4	M.2	1TB	2280	0C~70C	R:7000MB/sW:5000MB/s
Innodisk	Innodisk / DGM21-01TDP1KCBEP-A44 / PCIExpressGen4.0x4 / M.2 / 1TB / 22110 / 0C~70C / R:7150MB/s;W:5350MB/s	DGM21-01TDP1KCBEP-A44	PCIExpressGen4.0x4	M.2	1TB	22110	0C~70C	R:7150MB/s;W:5350MB/s
Innodisk	Innodisk / DGM21-C12DP1KCBEP-A44 / PCIExpressGen4.0x4 / M.2 / 512GB / 22110 / 0C~70C / R:7150MB/s;W:5350MB/s	DGM21-C12DP1KCBEP-A44	PCIExpressGen4.0x4	M.2	512GB	22110	0C~70C	R:7150MB/s;W:5350MB/s
Innodisk	Innodisk / DGM28-01TDP1KCCEF-A44 / PCIExpressGen4.0x4 / M.2 / 1TB / 2280 / 0C~70C / R:7150MB/s;W:5250MB/s	DGM28-01TDP1KCCEF-A44	PCIExpressGen4.0x4	M.2	1TB	2280	0C~70C	R:7150MB/s;W:5250MB/s
Innodisk	Innodisk / DGM28-C12DP1KCCEF-A44 / PCIExpressGen4.0x4 / M.2 / 512GB / 2280 / 0C~70C / R:7150MB/s;W:5250MB/s	DGM28-C12DP1KCCEF-A44	PCIExpressGen4.0x4	M.2	512GB	2280	0C~70C	R:7150MB/s;W:5250MB/s

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Storage card

Vendor	Description	Interface	Model	Connectors	Features	Form Factor	Type
Areca	Areca / PCIExpressGen4.0x8 / ARC-1886-16l / 2x8SFF-8654 / SAS;SATA;NVME / Low-Profile / RAIDcard	PCIExpressGen4.0x8	ARC-1886-16l	2x8SFF-8654	SAS;SATA;NVME	Low-Profile	RAIDcard
Areca	Areca / PCIExpressGen4.0x8 / ARC-1886-8l / 1x8SFF-8654 / SAS;SATA;NVME / Low-Profile / RAIDcard	PCIExpressGen4.0x8	ARC-1886-8l	1x8SFF-8654	SAS;SATA;NVME	Low-Profile	RAIDcard
Broadcom	Broadcom / PCIExpressGen4.0x8 / MegaRAID9560-16l / 2x8SFF-8654 / SAS;SATA;NVME / Low-Profile / RAIDcard	PCIExpressGen4.0x8	MegaRAID9560-16l	2x8SFF-8654	SAS;SATA;NVME	Low-Profile	RAIDcard
Broadcom	Broadcom / PCIExpressGen4.0x8 / MegaRAID9560-8l / 1x8SFF-8654 / SAS;SATA;NVME / Low-Profile / RAIDcard	PCIExpressGen4.0x8	MegaRAID9560-8l	1x8SFF-8654	SAS;SATA;NVME	Low-Profile	RAIDcard
Micron	Micron / PCIExpressGen4.0x8 / ADAPTECSMARTRAID3204-8l / 1x8SFF-8654 / SAS;SATA;NVME / LowProfile / RAIDcard	PCIExpressGen4.0x8	ADAPTECSMARTRAID3204-8l	1x8SFF-8654	SAS;SATA;NVME	LowProfile	RAIDcard

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Storage_SATA

Vendor	Description	Model	Interface	Capacity	Form Factor	Class	RPM	Sector Size	Performance
Seagate	Seagate / ST12000NM001G / SATA3 / 12TB / 3.5Inch / STD / 7200rpm / NA / NA	ST12000NM001G	SATA3	12TB	3.5Inch	STD	7200rpm	NA	NA
Seagate	Seagate / ST14000NM001G / SATA3 / 14TB / 3.5Inch / STD / 7200rpm / NA / NA	ST14000NM001G	SATA3	14TB	3.5Inch	STD	7200rpm	NA	NA
Seagate	Seagate / ST16000NM001G / SATA3 / 16TB / 3.5Inch / STD / 7200rpm / NA / NA	ST16000NM001G	SATA3	16TB	3.5Inch	STD	7200rpm	NA	NA
Seagate	Seagate / ST18000NM000J / SATA3 / 18TB / 3.5Inch / STD / 7200rpm / NA / NA	ST18000NM000J	SATA3	18TB	3.5Inch	STD	7200rpm	NA	NA
Seagate	Seagate / ST10000NM018G / SATA3 / 10TB / 3.5Inch / STD / 7200rpm / NA / NA	ST10000NM018G	SATA3	10TB	3.5Inch	STD	7200rpm	NA	NA
TOSHIBA	TOSHIBA / MG06ACA800E / SATA3 / 8TB / 3.5Inch / STD / 7200rpm / NA / NA	MG06ACA800E	SATA3	8TB	3.5Inch	STD	7200rpm	NA	NA

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SATADOM

Vendor	Description	Model	Interface	Type	Capacity	VCC	Class	Work temp	Performance
Innodisk	Innodisk / DHSSV-80GDK1ECADF / SATA3 / SATADOM / 80GB / Pin7VCC / Vertical(90D) / 0C~70C / R:550MB/s;W:485MB/s	DHSSV-80GDK1ECADF	SATA3	SATADOM	80GB	Pin7VCC	Vertical(90D)	0C~70C	R:550MB/s;W:485MB/s
Innodisk	Innodisk / DESSV-A28D09*WADC(F) / SATA3 / SATADOM / 128GB / Pin7VCC / Vertical(90D) / -45C~85C / R:200MB/s;W:80MB/s	DESSV-A28D09*WADC(F)	SATA3	SATADOM	128GB	Pin7VCC	Vertical(90D)	-45C~85C	R:200MB/s;W:80MB/s
Innodisk	Innodisk / DESSV-C12DK1GCADF / SATA3 / SATADOM / 512GB / Pin7VCC / Vertical(90D) / 0C~70C / R:550MB/s;W:490MB/s	DESSV-C12DK1GCADF	SATA3	SATADOM	512GB	Pin7VCC	Vertical(90D)	0C~70C	R:550MB/s;W:490MB/s

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USBDevice

Vendor	Description	Model	Interface	Capacity	Type
ADATA	ADATA / HC660 / USB3.2 / 1TB / ExternalDrive	HC660	USB3.2	1TB	ExternalDrive
Seagate	Seagate / STHN10004XX / USB3.0 / 1TB / ExternalDrive	STHN10004XX	USB3.0	1TB	ExternalDrive
Transcend	Transcend / TS1TSJ25C3N / USB3.1 / 1TB / ExternalDrive	TS1TSJ25C3N	USB3.1	1TB	ExternalDrive
TOSHIBA	TOSHIBA / DTX110 / USB3.2 / 1TB / ExternalDrive	DTX110	USB3.2	1TB	ExternalDrive

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PSU

Vendor	Description	Watt	Model	Type
3Y	3Y Power / YVIC0450AH-5A14P20 / 450W redund	450W	YVIC0450AH-5A1	ATXpower