

"H231-H60" Qualification Vender List

Please contact FAE support for below orange blocks

Intel CPU											
Product Name	Code Name	Q-Spec	Stepping	Cache	System Bus	# of Cores	Processor Base Frequency	Max Turbo Frequency	TDP	Memory Types	
Purley - Intel® Xeon® Processor Scalable Family											
Intel® Xeon® Processor Platinum 8176M	SKYLAKE-S	QM7R	H0	38.5 MB L3	10.4 GT/s	28	2.10 GHz	3.80 GHz	165 W	DDR4-2666	
Intel® Xeon® Processor Platinum 8176	SKYLAKE-S	QM03	H0	38.5 MB L3	10.4 GT/s	28	2.10 GHz	3.80 GHz	165 W	DDR4-2666	
Intel® Xeon® Processor Platinum 8170	SKYLAKE-S	QM0C	H0	35.75 MB L3	10.4 GT/s	26	2.10 GHz	3.70 GHz	165 W	DDR4-2666	
Intel® Xeon® Processor Platinum 8164	SKYLAKE-S	Q MS8	H0	35.75 MB L3	10.4 GT/s	26	2.00 GHz	3.70 GHz	150 W	DDR4-2666	
Intel® Xeon® Processor Platinum 8160T	SKYLAKE-S	QMRG	H0	33 MB L3	10.4 GT/s	24	2.10 GHz	3.70 GHz	150 W	DDR4-2666	
Intel® Xeon® Processor Platinum 8160	SKYLAKE-S	QMRV	H0	33 MB L3	10.4 GT/s	24	2.10 GHz	3.70 GHz	150 W	DDR4-2666	
Intel® Xeon® Processor Platinum 8153	SKYLAKE-S	QMS7	H0	22 MB L3	10.4 GT/s	16	2.00 GHz	2.80 GHz	125 W	DDR4-2666	
Intel® Xeon® Processor Gold 6152	SKYLAKE-S	QMRZ	H0	30.25 MB L3	10.4 GT/s	22	2.10 GHz	3.70 GHz	140 W	DDR4-2666	
Intel® Xeon® Processor Gold 6150	SKYLAKE-S	QM06	H0	24.75 MB L3	10.4 GT/s	18	2.70 GHz	3.70 GHz	165 W	DDR4-2666	
Intel® Xeon® Processor Gold 6148	SKYLAKE-S	QMS1	H0	27.5 MB L3	10.4 GT/s	20	2.40 GHz	3.70 GHz	150 W	DDR4-2666	
Intel® Xeon® Processor Gold 6146	SKYLAKE-S	QN7C	H0	24.75 MB L3	10.4 GT/s	12	3.20 GHz	4.20 GHz	165 W	DDR4-2666	
Intel® Xeon® Processor Gold 6144	SKYLAKE-S	QN7D	H0	24.75 MB L3	10.4 GT/s	8	3.50 GHz	4.20 GHz	150 W	DDR4-2666	
Intel® Xeon® Processor Gold 6142M	SKYLAKE-S	QMRW	H0	22 MB L3	10.4 GT/s	16	2.60 GHz	3.70 GHz	150 W	DDR4-2666	
Intel® Xeon® Processor Gold 6142	SKYLAKE-S	QMRU	H0	22 MB L3	10.4 GT/s	16	2.60 GHz	3.70 GHz	150 W	DDR4-2666	
Intel® Xeon® Processor Gold 6140M	SKYLAKE-S	QMRU	H0	24.75 MB L3	10.4 GT/s	18	2.30 GHz	3.70 GHz	140 W	DDR4-2666	
Intel® Xeon® Processor Gold 6140	SKYLAKE-S	QMSR	H0	24.75 MB L3	10.4 GT/s	18	2.30 GHz	3.70 GHz	140 W	DDR4-2666	
Intel® Xeon® Processor Gold 6138T	SKYLAKE-S	Q MS9	H0	27.5 MB L3	10.4 GT/s	20	2.00 GHz	3.70 GHz	125 W	DDR4-2666	
Intel® Xeon® Processor Gold 6138	SKYLAKE-S	QMS0	H0	27.5 MB L3	10.4 GT/s	20	2.00 GHz	3.70 GHz	125 W	DDR4-2666	
Intel® Xeon® Processor Gold 6136	SKYLAKE-S	QMRX	H0	24.75 MB L3	10.4 GT/s	12	3.00 GHz	3.70 GHz	150 W	DDR4-2666	
Intel® Xeon® Processor Gold 6134	SKYLAKE-S	QMLR	H0	24.75 MB L3	10.4 GT/s	8	3.20 GHz	3.70 GHz	130 W	DDR4-2666	
Intel® Xeon® Processor Gold 6132	SKYLAKE-S	QN33	H0	19.25 MB L3	10.4 GT/s	14	2.60 GHz	3.70 GHz	140 W	DDR4-2666	
Intel® Xeon® Processor Gold 6130T	SKYLAKE-S	QN38	H0	22 MB L3	10.4 GT/s	16	2.10 GHz	3.70 GHz	125 W	DDR4-2666	
Intel® Xeon® Processor Gold 6130	SKYLAKE-S	QMS6	H0	22 MB L3	10.4 GT/s	16	2.10 GHz	3.70 GHz	125 W	DDR4-2666	
Intel® Xeon® Processor Gold 6128	SKYLAKE-S	QN34	H0	19.25 MB L3	10.4 GT/s	6	3.40 GHz	3.70 GHz	115 W	DDR4-2666	
Intel® Xeon® Processor Gold 6126T	SKYLAKE-S	QN39	H0	19.25 MB L3	10.4 GT/s	12	2.60 GHz	3.70 GHz	125 W	DDR4-2666	
Intel® Xeon® Processor Gold 6126	SKYLAKE-S	QMRV	H0	19.25 MB L3	10.4 GT/s	12	2.60 GHz	3.70 GHz	125 W	DDR4-2666	
Intel® Xeon® Processor Gold 5122	SKYLAKE-S	QMRN	H0	16.5 MB L3	10.4 GT/s	4	3.60 GHz	3.70 GHz	105 W	DDR4-2666	
Intel® Xeon® Processor Gold 5120T	SKYLAKE-S	QMXL	M0	19.25 MB L3	10.4 GT/s	14	2.20 GHz	3.20 GHz	105 W	DDR4-2400	
Intel® Xeon® Processor Gold 5120	SKYLAKE-S	QMXJ	M0	19.25 MB L3	10.4 GT/s	14	2.20 GHz	3.20 GHz	105 W	DDR4-2400	
Intel® Xeon® Processor Gold 5119T	SKYLAKE-S	QN11	M0	19.25 MB L3	10.4 GT/s	14	1.90 GHz	3.20 GHz	85 W	DDR4-2400	
Intel® Xeon® Processor Gold 5118	SKYLAKE-S	QMXH	M0	16.5 MB L3	10.4 GT/s	12	2.30 GHz	3.20 GHz	105 W	DDR4-2400	
Intel® Xeon® Processor Gold 5115	SKYLAKE-S	QMXG	M0	13.75 MB L3	10.4 GT/s	10	2.40 GHz	3.20 GHz	85 W	DDR4-2400	
Intel® Xeon® Processor Silver 4116T	SKYLAKE-S	QN7B	M0	16.5 MB L3	9.6 GT/s	12	2.10 GHz	3.00 GHz	85 W	DDR4-2400	
Intel® Xeon® Processor Silver 4116	SKYLAKE-S	QN1J	M0	16.5 MB L3	9.6 GT/s	12	2.10 GHz	3.00 GHz	85 W	DDR4-2400	
Intel® Xeon® Processor Silver 4114T	SKYLAKE-S	QN7A	U0	13.75 MB L3	9.6 GT/s	10	2.20 GHz	3.00 GHz	85 W	DDR4-2400	
Intel® Xeon® Processor Silver 4114	SKYLAKE-S	QN0B	U0	13.75 MB L3	9.6 GT/s	10	2.20 GHz	3.00 GHz	85 W	DDR4-2400	
Intel® Xeon® Processor Silver 4112	SKYLAKE-S	QN0E	U0	9.25 MB L3	9.6 GT/s	4	2.60 GHz	3.00 GHz	85 W	DDR4-2400	
Intel® Xeon® Processor Silver 4110	SKYLAKE-S	QN09	U0	11 MB L3	9.6 GT/s	8	2.10 GHz	3.00 GHz	85 W	DDR4-2400	
Intel® Xeon® Processor Silver 4109T	SKYLAKE-S	QN0F	U0	11 MB L3	9.6 GT/s	8	2.00 GHz	3.00 GHz	70 W	DDR4-2400	
Intel® Xeon® Processor Silver 4108	SKYLAKE-S	QN0A	U0	11 MB L3	9.6 GT/s	8	1.80 GHz	3.00 GHz	85 W	DDR4-2400	
Intel® Xeon® Processor Bronze 3106	SKYLAKE-S	QN0C	U0	11 MB L3	9.6 GT/s	8	1.70 GHz	None	85 W	DDR4-2133	
Intel® Xeon® Processor Bronze 3104	SKYLAKE-S	QN0D	U0	9.25 MB L3	9.6 GT/s	6	1.70 GHz	None	85 W	DDR4-2133	
Purley - Intel® Xeon® Processor Scalable Family											
Intel® Xeon® Processor Platinum 8276M	CascadeLake SP	QRAW	B0	38.5MB	10.4 GT/s	28	2.2 GHz	4.00 GHz	165W	DDR4-2933	
Intel® Xeon® Processor Platinum 8276L	CascadeLake SP	QRAV	B0	38.5MB	10.4 GT/s	28	2.2 GHz	4.00 GHz	165W	DDR4-2933	
Intel® Xeon® Processor Platinum 8260M	CascadeLake SP	QRC4	B0	33MB	10.4 GT/s	24	2.3 GHz	3.90 GHz	165W	DDR4-2933	
Intel® Xeon® Processor Platinum 8260L	CascadeLake SP	QRC2	B0	33MB	10.4 GT/s	24	2.3 GHz	3.90 GHz	165W	DDR4-2933	
Intel® Xeon® Processor Platinum 8256	CascadeLake SP	QRAP	B0	16.5MB	10.4 GT/s	4	3.8 GHz	3.90 GHz	105W	DDR4-2933	
Intel® Xeon® Processor Platinum 8253	CascadeLake SP	QRAN	B0	22MB	10.4 GT/s	16	2.2 GHz	3.00 GHz	125W	DDR4-2933	
Intel® Xeon® Processor Gold 6252	CascadeLake SP	QRAL	B0	33MB	10.4 GT/s	24	2.1 GHz	3.70 GHz	150W	DDR4-2933	
Intel® Xeon® Processor Gold 6248	CascadeLake SP	QRAK	B0	27.5MB	10.4 GT/s	20	2.5 GHz	3.90 GHz	150W	DDR4-2933	
Intel® Xeon® Processor Gold 6244	CascadeLake SP	QRAJ	B0	24.75MB	10.4 GT/s	8	3.6 GHz	4.40 GHz	150W	DDR4-2933	
Intel® Xeon® Processor Gold 6242	CascadeLake SP	QRAH	B0	22MB	10.4 GT/s	16	2.8 GHz	3.90 GHz	150W	DDR4-2933	
Intel® Xeon® Processor Gold 6240Y	CascadeLake SP	QRBX	B0	24.75MB	10.4 GT/s	18	2.6 GHz	3.90 GHz	150W	DDR4-2933	
Intel® Xeon® Processor Gold 6240	CascadeLake SP	QRAG	B0	24.75MB	10.4 GT/s	18	2.6 GHz	3.90 GHz	150W	DDR4-2933	
Intel® Xeon® Processor Gold 6238T	CascadeLake SP	QRBW	B0	30.25MB	10.4 GT/s	22	1.9 GHz	3.70 GHz	125W	DDR4-2933	
Intel® Xeon® Processor Gold 6230	CascadeLake SP	QRAD	B0	27.5MB	10.4 GT/s	20	2.1 GHz	3.90 GHz	125W	DDR4-2933	
Intel® Xeon® Processor Gold 5218	CascadeLake SP	QRA9	B0	22MB	10.4 GT/s	16	2.3 GHz	3.90 GHz	125W	DDR4-2666	
Intel® Xeon® Processor Platinum 8260Y	CascadeLake SP	QRC1	B0	33MB	10.4 GT/s	24	2.3 GHz	3.90 GHz	165W	DDR4-2933	
Intel® Xeon® Processor Platinum 8260	CascadeLake SP	QRC3	B0	33MB	10.4 GT/s	24	2.3 GHz	3.90 GHz	165W	DDR4-2933	
Intel® Xeon® Processor Gold 5220	CascadeLake SP	QRGH	L0	24.75MB	10.4 GT/s	18	2.2 GHz	3.90 GHz	125W	DDR4-2666	
Intel® Xeon® Processor Gold 5218N	CascadeLake SP	QRGD	L0	22MB	10.4 GT/s	16	2.3 GHz	3.70 GHz	105W	DDR4-2666	
Intel® Xeon® Processor Gold 5218B	CascadeLake SP	QRGE	L0	22MB	10.4 GT/s	16	2.3 GHz	3.90 GHz	125W	DDR4-2666	
Intel® Xeon® Processor Gold 5217	CascadeLake SP	QRGC	L0	11MB	10.4 GT/s	8	3.0 GHz	3.70 GHz	115W	DDR4-2666	

Intel® Xeon® Processor Gold 5215L	CascadeLake SP	QRGB	L0	13.75MB	10.4 GT/s	10	2.5 GHz	3.40 GHz	85W	DDR4-2666	
Intel® Xeon® Processor Gold 5215M	CascadeLake SP	QRGA	L0	13.75MB	10.4 GT/s	10	2.5 GHz	3.40 GHz	85W	DDR4-2666	
Intel® Xeon® Processor Gold 5215	CascadeLake SP	QRG9	L0	13.75MB	10.4 GT/s	10	2.5 GHz	3.40 GHz	85W	DDR4-2666	
Intel® Xeon® Processor Silver 4216	CascadeLake SP	QRG8	L0	22MB	9.6 GT/s	16	2.1 GHz	3.20 GHz	100W	DDR4-2133	
Intel® Xeon® Processor Silver 4215	CascadeLake SP	QRG7	L0	11MB	9.6 GT/s	8	2.5 GHz	3.50 GHz	85W	DDR4-2133	
Intel® Xeon® Processor Silver 4214Y	CascadeLake SP	QRHY	L0	16.5MB	9.6 GT/s	12	2.2 GHz	3.20 GHz	85W	DDR4-2133	
Intel® Xeon® Processor Silver 4214	CascadeLake SP	QRG6	L0	16.5MB	9.6 GT/s	12	2.2 GHz	3.20 GHz	85W	DDR4-2133	
Intel® Xeon® Processor Silver 4210	CascadeLake SP	QRJF	R0	13.75MB	9.6 GT/s	10	2.2 GHz	3.20 GHz	85W	DDR4-2133	
Intel® Xeon® Processor Silver 4209T	CascadeLake SP	QRJM	R0	11MB	9.6 GT/s	8	2.2 GHz	3.20 GHz	70W	DDR4-2133	
Intel® Xeon® Processor Silver 4208	CascadeLake SP	QRJG	R0	11MB	9.6 GT/s	8	2.1 GHz	3.20 GHz	85W	DDR4-2133	
Intel® Xeon® Processor Gold 6252N	CascadeLake SP	QSTW	B1	35.75MB	10.4 GT/s	24	2.3 GHz	3.60 GHz	150W	DDR4-2933	
Intel® Xeon® Processor Gold 5218T	CascadeLake SP	QSTT	B1	22MB	10.4 GT/s	16	2.1 GHz	3.80 GHz	105W	DDR4-2666	
Intel® Xeon® Processor Gold 6240M	CascadeLake SP	QS25	B1	24.75MB	10.4 GT/s	18	2.6 GHz	3.90 GHz	150W	DDR4-2933	
Intel® Xeon® Processor Gold 5220S	CascadeLake SP	QS1Z	B1	24.75MB	10.4 GT/s	18	2.7 GHz	3.90 GHz	125W	DDR4-2666	
Intel® Xeon® Processor Gold 6222V	CascadeLake SP	QS2C	B1	27.5 MB	10.4 GT/s	20	1.8 GHz	3.60 GHz	115W	DDR4-2400	
Intel® Xeon® Processor Gold 6238M	CascadeLake SP	QS27	B1	30.25MB	10.4 GT/s	22	2.1 GHz	3.70 GHz	140W	DDR4-2933	
Intel® Xeon® Processor Gold 6262V	CascadeLake SP	QS2B	B1	33MB	10.4 GT/s	24	1.9 GHz	3.60 GHz	135W	DDR4-2933	
Intel® Xeon® Processor Gold 6234	CascadeLake SP	QS1U	B1	24.75MB	10.4 GT/s	8	3.3 GHz	4.00 GHz	130W	DDR4-2933	
Intel® Xeon® Processor Gold 6226	CascadeLake SP	QS1V	B1	19.25MB	10.4 GT/s	12	2.7 GHz	3.70 GHz	125W	DDR4-2933	
Intel® Xeon® Processor Gold 6230N	CascadeLake SP	QS1X	B1	27.5MB	10.4 GT/s	20	2.3 GHz	3.50 GHz	125W	DDR4-2933	
Intel® Xeon® Processor Gold 5220T	CascadeLake SP	QS1R	B1	24.75MB	10.4 GT/s	18	1.9 GHz	3.90 GHz	105W	DDR4-2666	
Intel® Xeon® Processor Gold 6246	CascadeLake SP	QS1Q	B1	24.75MB	10.4 GT/s	8	3.3 GHz	4.20 GHz	165W	DDR4-2933	
Intel® Xeon® Processor Gold 6238	CascadeLake SP	QS1S	B1	30.25MB	10.4 GT/s	22	2.1 GHz	3.70 GHz	140W	DDR4-2933	
Intel® Xeon® Processor Gold 6230T	CascadeLake SP	QS1Y	B1	27.5MB	10.4 GT/s	20	2.1 GHz	3.90 GHz	125W	DDR4-2933	
Intel® Xeon® Processor Gold 6240L	CascadeLake SP	QS26	B1	24.75MB	10.4 GT/s	18	2.6 GHz	3.90 GHz	150W	DDR4-2933	
Intel® Xeon® Processor Gold 6238L	CascadeLake SP	QS28	B1	30.25MB	10.4 GT/s	22	2.1 GHz	3.70 GHz	140W	DDR4-2933	
Intel® Xeon® Processor Bronze 3204	CascadeLake SP	QRJK	R0	8.25MB	9.6 GT/s	6	1.90 GHz	1.90 GHz	85W	DDR4-2133	
CascadeLake refresh - Intel® Xeon® Processor Scalable Family											
Intel® Xeon® Processor Gold 6240R	CascadeLake refresh	SRGZ8	B1	35.75MB	10.4 GT/s	24	2.4 GHz	4.0 GHz	165W	DDR4-2933	
Intel® Xeon® Processor Gold 6238R	CascadeLake refresh	SRGZ9	B1	38.50MB	10.4 GT/s	28	2.2 GHz	4.0 GHz	165W	DDR4-2933	
Intel® Xeon® Processor Gold 6230R	CascadeLake refresh	SRGZA	B1	35.75MB	10.4 GT/s	26	2.1 GHz	4.0 GHz	150W	DDR4-2933	
Intel® Xeon® Processor Gold 6226R	CascadeLake refresh	SRGZC	B1	22MB	10.4 GT/s	16	2.9 GHz	3.9 GHz	150W	DDR4-2933	
Intel® Xeon® Processor Silver 4215R	CascadeLake refresh	SRGZE	B1	11MB	10.4 GT/s	8	3.2 GHz	4.0 GHz	130W	DDR4-2400	
Intel® Xeon® Processor Gold 5220R	CascadeLake refresh	SRGZP	B1	35.75MB	10.4 GT/s	24	2.2 GHz	4.0 GHz	150W	DDR4-2666	
Intel® Xeon® Processor Gold 5218R	CascadeLake refresh	SRGZ7	B1	27.50MB	10.4 GT/s	20	2.1 GHz	4.0 GHz	125W	DDR4-2666	
Intel® Xeon® Processor Silver 4214R	CascadeLake refresh	QSKT	L1	16.5MB	9.6 GT/s	12	2.4 GHz	3.5 GHz	100W	DDR4-2400	
Intel® Xeon® Processor Silver 4210R	CascadeLake refresh	QSL1	R1	13.75MB	9.6 GT/s	10	2.4 GHz	3.2 GHz	100W	DDR4-2400	
Intel® Xeon® Processor Bronze 3206R	CascadeLake refresh	QSL2	R1	11MB	9.6 GT/s	8	1.9 GHz	1.9 GHz	85W	DDR4-2133	
Montage Jintide® Processor Scalable Family											
Montage Jintide® C24601	Jintide	SREUN	H0	33MB	10.4 GT/s	24	2.1 GHz	3.7 GHz	150W	DDR4	
Montage Jintide® C10201	Jintide	SREUK	H0	13.75MB	9.6 GT/s	10	2.2 GHz	3.0 GHz	85W	DDR4	
Montage Jintide® C08101	Jintide	SREUL	H0	11MB	9.6 GT/s	8	2.1 GHz	3.0 GHz	85W	DDR4	
Montage Jintide® C16401	Jintide	SREUM	H0	22MB	10.4 GT/s	16	2.1 GHz	3.7 GHz	125W	DDR4	
Montage Jintide® C12301	Jintide	SREUH	H0	16.5MB	10.4 GT/s	12	2.3 GHz	3.2 GHz	105W	DDR4	
Montage Jintide® C14501	Jintide	SREUJ	H0	19.25MB	10.4 GT/s	14	2.2 GHz	3.2 GHz	105W	DDR4	
Memory											
Product Name	Memory Type	Module Supplier	Size	Chip Brand	Rank	Voltage	Data Transfer Rate	Error Correction	CAS Latency	Pins	
RDIMM											
MTA9ASF1G72PZ-2G6D1QI	DDR4	Micron	8GB	Micron	1Rx8	1.2v	2666MHz	ECC Registered	19	288-pin	
M393A2K43BB1-CTD6Q	DDR4	Samsung	16GB	Samsung	2Rx8	1.2V	2666MHz	ECC Registered	19	288-pin	
M393A2K40CB2-CTD6Q	DDR4	Samsung	16GB	Samsung-Montage	1Rx4	1.2v	2666MHz	ECC Registered	19	288-pin	
M393A2K40BB2-CTD	DDR4	Samsung	16GB	Samsung	1Rx4	1.2v	2666MHz	ECC Registered	19	288-pin	
M393A4K40BB2-CTD	DDR4	Samsung	32GB	Samsung	2Rx4	1.2v	2666MHz	ECC Registered	19	288-pin	
M393A8K40B22-CWD6Q	DDR4	Samsung	64GB	Samsung	252Rx4	1.2v	2666MHz	ECC Registered	19	288-pin	
CT16G4RFD8266.2G6H1.001	DDR4	CRUCIAL	16GB	Micron	2Rx8	1.2v	2666MHz	ECC Registered	19	288-pin	
MTA18ASF2G72PDZ-2G6H1QG	DDR4	Micron	16GB	Micron	2Rx8	1.2v	2666MHz	ECC Registered	19	288-pin	
CT16G4RFD8266.18FD1	DDR4	CRUCIAL	16GB	Micron	2Rx8	1.2v	2666MHz	ECC Registered	19	288-pin	
MTA18ASF2G72PDZ-2G6D1	DDR4	Micron	16GB	Micron	2Rx8	1.2v	2666MHz	ECC Registered	19	288-pin	
CT16G4RFD8266.2G6D1	DDR4	CRUCIAL	16GB	Micron	2Rx8	1.2v	2666MHz	ECC Registered	19	288-pin	
CT16G4RFS4266.18FD1	DDR4	CRUCIAL	16GB	Micron	1Rx4	1.2v	2666MHz	ECC Registered	19	288-pin	
MTA18ASF2G72PZ-2G6D1QI	DDR4	Micron	16GB	Micron	1Rx4	1.2v	2666MHz	ECC Registered	19	288-pin	

CT32G4RFD4266.36FD1	DDR4	CRUCIAL	32GB	Micron		2Rx4	1.2v	2666MHz	ECC Registered	19	288-pin
CT32G4RFD4266.2G6D1.001	DDR4	CRUCIAL	32GB	Micron		2Rx4	1.2v	2666MHz	ECC Registered	19	288-pin
CT32G4RFD4266.2G6H1.001	DDR4	CRUCIAL	32GB	Micron		2Rx4	1.2v	2666MHz	ECC Registered	19	288-pin
MTA36ASF4G72PZ.2G6H1QG	DDR4	CRUCIAL	32GB	Micron		2Rx4	1.2v	2666MHz	ECC Registered	19	288-pin
HMA82GR7AFR4N-VKT3	DDR4	SKhynix	16GB	Skhynix-Montage		1Rx4	1.2v	2666MHz	ECC Registered	19	288-pin
HMA82GR7AFR4N-VKTF	DDR4	SKhynix	16GB	Skhynix-IDT		1Rx4	1.2v	2666MHz	ECC Registered	19	288-pin
HMA82GR7AFR8N-VKT3	DDR4	SKhynix	16GB	Skhynix-Montage		2Rx8	1.2v	2666MHz	ECC Registered	19	288-pin
HMA82GR7AFR8N-VKTF	DDR4	SKhynix	16GB	Skhynix-IDT		2Rx8	1.2v	2666MHz	ECC Registered	19	288-pin
HMA84GR7AFR4N-VKT3	DDR4	SKhynix	32GB	Skhynix-Montage		2Rx4	1.2v	2666MHz	ECC Registered	19	288-pin
KSM26RD4/32HAI	DDR4	Kingston	32GB	Skhynix-IDT		2Rx4	1.2v	2666MHz	ECC Registered	19	288-pin
KSM26RS4/16HAI	DDR4	Kingston	16GB	Skhynix-IDT		1Rx4	1.2v	2666MHz	ECC Registered	19	288-pin
KSM26RS8/8HAI	DDR4	Kingston	8GB	Skhynix-IDT		1Rx8	1.2v	2666MHz	ECC Registered	19	288-pin
TR432G26D419-VKA	DDR4	V-color	32GB	Skhynix-Inphi		2Rx4	1.2v	2666MHz	ECC Registered	19	288-pin
M393A2K40CB2-CVFBO	DDR4	Samsung	16GB	Samsung-IDT		1Rx4	1.2v	2933MHz	ECC Registered	21	288-pin
M393A2K43CB2-CVFBO	DDR4	Samsung	16GB	Samsung-IDT		2Rx8	1.2v	2933MHz	ECC Registered	21	288-pin
M393A4K40CB2-CVFBO	DDR4	Samsung	32GB	Samsung-IDT		2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin
CT8G4RFS8293.9FE1	DDR4	CRUCIAL	8GB	Micron		1Rx8	1.2v	2933MHz	ECC Registered	21	288-pin
CT8G4RFS8293-2G9E1.001	DDR4	CRUCIAL	8GB	Micron		1Rx8	1.2v	2933MHz	ECC Registered	21	288-pin
MTA9ASF1G72PZ.2G9E1VG	DDR4	Micron	8GB	Micron-IDT		1Rx8	1.2v	2933MHz	ECC Registered	21	288-pin
MTA9ASF1G72PZ.2G9E1UG	DDR4	Micron	8GB	Micron-Rambus		1Rx8	1.2v	2933MHz	ECC Registered	21	288-pin
MTA9ASF1G72PZ.2G9E1TI	DDR4	Micron	8GB	Micron-Montage		1Rx8	1.2v	2933MHz	ECC Registered	21	288-pin
CT16G4RFD8293.18FE1	DDR4	CRUCIAL	16GB	Micron		2Rx8	1.2v	2933MHz	ECC Registered	21	288-pin
CT16G4RFD8293.2G9E1.001	DDR4	CRUCIAL	16GB	Micron		2Rx8	1.2v	2933MHz	ECC Registered	21	288-pin
MTA18ASF2G72PDZ.2G9E1UG	DDR4	Micron	16GB	Micron-Rambus		2Rx8	1.2v	2933MHz	ECC Registered	21	288-pin
MTA18ASF2G72PDZ.2G9E1VG	DDR4	Micron	16GB	Micron-IDT		2Rx8	1.2v	2933MHz	ECC Registered	21	288-pin
CT16G4RFS4293.18FE1	DDR4	CRUCIAL	16GB	Micron		1Rx4	1.2v	2933MHz	ECC Registered	21	288-pin
CT16G4RFS4293-2G9E1.001	DDR4	CRUCIAL	16GB	Micron		1Rx4	1.2v	2933MHz	ECC Registered	21	288-pin
MTA18ASF2G72PZ.2G9E1TK	DDR4	Micron	16GB	Micron-Montage		1Rx4	1.2v	2933MHz	ECC Registered	21	288-pin
MTA18ASF2G72PZ.2G9E1VG	DDR4	Micron	16GB	Micron-IDT		1Rx4	1.2v	2933MHz	ECC Registered	21	288-pin
CT32G4RFD4293.2G9E2.001	DDR4	CRUCIAL	32GB	Micron		2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin
CT32G4RFD4293.36FE2	DDR4	CRUCIAL	32GB	Micron		2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin
MTA36ASF4G72PZ.2G9E2TG	DDR4	Micron	32GB	Micron-Montage		2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin
MTA36ASF4G72PZ.2G9E2VG	DDR4	Micron	32GB	Micron-IDT		2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin
MTA36ASF4G72PZ.2G9E2UG	DDR4	Micron	32GB	Micron-Rambus		2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin
HMA81GR7CJR8N-WM TG	DDR4	SKhynix	8GB	SKhynix-IDT		1Rx8	1.2v	2933MHz	ECC Registered	21	288-pin
HMA82GR7CJR8N-WM T4	DDR4	SKhynix	16GB	SKhynix-Montage		2Rx8	1.2v	2933MHz	ECC Registered	21	288-pin
HMA84GR7CJR4N-WM TG	DDR4	SKhynix	32GB	SKhynix-IDT		2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin

KSM29RD8/16MEI	DDR4	Kingston	16GB	Micron-IDT	2Rx8	1.2v	2933MHz	ECC Registered	21	288-pin
KSM29RD4/32MEI	DDR4	Kingston	32GB	Micron-IDT	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin
NT16GA72D8PBX3P-IX	DDR4	Nanya	16GB	Nanya-IDT	2Rx8	1.2v	2933MHz	ECC Registered	21	288-pin
NT32GA72D4NBX3P-IX	DDR4	Nanya	32GB	Nanya-Montage or IDT	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin
M393A2K40DB2-CVFBQ	DDR4	Samsung	16GB	Samsung-IDT	1Rx4	1.2v	2933MHz	ECC Registered	21	288-pin
M393A4K40DB2-CVFBQ	DDR4	Samsung	32GB	Samsung-IDT	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin
MTA18ASF2G72PDZ-2G9J3VI	DDR4	Micron	16GB	Micron-IDT	2Rx8	1.2v	2933MHz	ECC Registered	21	288-pin
MTA18ASF2G72PDZ-2G9J3TI	DDR4	Micron	16GB	Micron-Montage	2Rx8	1.2v	2933MHz	ECC Registered	21	288-pin
KSM29RD4/32HDR	DDR4	Kingston	32GB	SKhynix-Rambus	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin
M393A2K43DB2-CVFBQ	DDR4	Samsung	16GB	Samsung-IDT	2Rx8	1.2v	2933MHz	ECC Registered	21	288-pin
MTA36ASF4G72PZ-2G9J3TI	DDR4	Micron	32GB	Micron-Montage	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin
KSM29RD8/16HDR	DDR4	Kingston	16GB	SKhynix-Rambus	2Rx8	1.2v	2933MHz	ECC Registered	21	288-pin
RDIMM (Only support CascadeLake)										
M393A8G40MB2-CTD7Q	DDR4	Samsung	64GB	Samsung-IDT	2Rx4	1.2v	2666MHz	ECC Registered	19	288-pin
M393A8G40MB2-CVFBY	DDR4	Samsung	64GB	Samsung-IDT	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin
CT64G4RFD4293-2G9B1.001	DDR4	CRUCIAL	64GB	Micron-IDT	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin
MTA36ASF8G72PZ-2G9B1VI	DDR4	Micron	64GB	Micron-IDT	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin
HMAA8GR7MJR4N-WM T4	DDR4	SKhynix	64GB	SKhynix-Montage	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin
CT64G4RFD4293-2G9B2.001	DDR4	Crucial	64GB	Micron-IDT	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin
MTA36ASF8G72PZ-2G9B2VI	DDR4	Crucial	64GB	Micron-IDT	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin
MTA36ASF8G72PZ-2G9E1TI	DDR4	Micron	64GB	Micron-Montage	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin
M393A8G40AB2-CVFBY	DDR4	Samsung	64GB	Samsung-IDT	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin
MTA9ASF2G72PZ-2G9E1UI	DDR4	Micron	16GB	Micron-Rambus	1Rx8	1.2v	2933MHz	ECC Registered	21	288-pin
MTA18ASF4G72PDZ-2G9E1TI	DDR4	Micron	32GB	Micron-Montage	2Rx8	1.2v	2933MHz	ECC Registered	21	288-pin
DDR4 Memory ECC LRDIMM										
LRDIMM										
Product Name	Memory Type	Module Supplier	Size	Chip Brand	Rank	Voltage	Data Transfer Rate	Error Correction	CAS Latency	Pins
HMAA8GL7AMR4N-VKTF	DDR4	SKhynix	64GB	SKhynix	4DRx4	1.2v	2666MHz	ECC Unbuffer	17	288-pin
M386A8K40BM2-CTD7Q	DDR4	Samsung	64GB	Samsung	4DRx4	1.2v	2666MHz	ECC Registered	17	288-pin
CT32G4LFD424A-2G3B1	DDR4	CRUCIAL	32GB	Micron	2Rx4	1.2v	2400MHz	ECC Registered	17	288-pin
M386A8K40CM2-CVFBY	DDR4	Samsung	64GB	Samsung-IDT	4DRx4	1.2v	2933MHz	ECC Registered	21	288-pin
Intel Optane™ Persistent Memory 100 Series (Apache PASS) Due to thermal limitaiton, please mark as orange color if test pass										
Product Name	Memory Type	Module Supplier	Size	TDP	Pins	Note				
NMA1XBD128G25E 3DXP PAK 1	DDR-T	Intel	128GB	15W	288-pin					
NMA1XBD256GQS QUXD	DDR-T	Intel	256GB	18W	288-pin					
NMA1XBD512GOSE 3DXP PAK	DDR-T	Intel	512GB	18W	288-pin					
Seagate HDD (SAS HDD may need RAID Card support)										
Product Name	Type	Vendor	Form Factor	Format	Capacity	Interface Speed	Series	Cache	RPM	Encryption
Seagate Enterprise Capacity 2.5 HDD										
ST2000NX0403	SATA	Seagate	2.5"	512n	2TB	6Gb/s	Enterprise Capacity V.3	128MB	7200	N/A
ST1000NX0423	SATA	Seagate	2.5"	512n	1TB	6Gb/s	Enterprise Capacity V.3	128MB	7200	N/A
ST1000NX0313	SATA	Seagate	2.5"	512e	1TB	6Gb/s	Exos 7E2000(Enterprise Capacity V.3)	128MB	7200	N/A
ST2000NX0253	SATA	Seagate	2.5"	512E	2TB	6Gb/s	Exos 7E2000(Enterprise Capacity V.3)	128MB	7200	N/A
SATA/SAS SSD										
Product Name	Type	Vendor	Form Factor	Interface	Capacity	Interface Speed	FW	Note		
SATA/SAS SSD										
SDLF1CRR-019T-1HA1	SSD	SanDisk	2.5"	SATA	1.92TB	6Gb/s	ZFR04			
SRE100-960G00210000	SSD	Phison	2.5"	SATA	960GB	6Gb/s				
SRE100-480G00210000	SSD	Phison	2.5"	SATA	480GB	6Gb/s				
ASR1100SS-240GT-B	SSD	ADATA	2.5"	SATA	240GB	6Gb/s				
SED500M/3840G DC500M Series	SSD	Kingston	2.5"	SATA	3.84TB	6Gb/s				

SEDC500M1920G DC500M Series	SSD	Kingston	2.5"	SATA	1.92TB	6Gb/s		
SEDC500M960G DC500M Series	SSD	Kingston	2.5"	SATA	960GB	6Gb/s		
SEDC500M480G DC500M Series	SSD	Kingston	2.5"	SATA	480GB	6Gb/s		
SKH61RSE960G	SSD	Toshiba	2.5"	SATA	960GB	6Gb/s		
MZ-7LH1T9NE 883 DCT Series	SSD	Samsung	2.5"	SATA	1.92TB	6Gb/s	HXT7404Q	
MTFDDAK3T8TDS-1AW1ZABYY (5300 PRO)	SSD	Micron	2.5"	SATA	3.84TB	6Gb/s		
MTFDDAK1T9TDS-1AW1ZABYY (5300 PRO)	SSD	Micron	2.5"	SATA	1.92TB	6Gb/s		
SSB240GTLGG-D2-SME520GBT ESM1220 Series	SSD	Phison	2.5"	SATA	240GB	6Gb/s		
SSB480GTLGG-D2-SME520GBT ESM1220 Series	SSD	Phison	2.5"	SATA	480GB	6Gb/s		
SSB960GTLGG-D2-SME520GBT ESM1220 Series	SSD	Phison	2.5"	SATA	960GB	6Gb/s		
SSB1K9GTLGG-D2-SME520GBT ESM1220 Series	SSD	Phison	2.5"	SATA	1.92TB	6Gb/s		
<b>PCIe SSD</b>								
Product Name	Type	Vendor	Form Factor	Interface	Capacity	Interface Speed	Note	
PCIe SSD								
SSDPEDMD400G4	PCIe	Intel	PCI-E 3.0	PCIe(NVMe)	400GB	-		
SSDPEDME400G4	PCIe	Intel	PCI-E 3.0	PCIe(NVMe)	400GB	-		
HUAWEI ES3600C V2 PCIe Gen 3.0 x 4 3.2TB	PCIe	HUAWEI	PCI-E 3.0	PCIe(NVMe)	3.2TB	-		
Techman XC100C5C-1600 1600GB	PCIe	Techman	PCI-E 3.0	PCIe(NVMe)	1.6TB	-		
Netlist N1951 E3 NS1951AH33T2 Gen3 x8 3.2TB	PCIe	Netlist	PCI-E 3.0	PCIe(NVMe)	3.2TB	-		
<b>U.2</b>								
Product Name	Type	Vendor	Form Factor	Interface	Capacity	Interface Speed	Note	
U.2 (VROC support)								
SSDPE2MD800G4 P3700Series	U.2	Intel	2.5"	SATA (NVMe)	800GB	-		
U.2								
SSDPE2MD800G4 P3700Series	U.2	Intel	2.5"	SATA (NVMe)	800GB	-		
MTFDHAL3T2MCE	U.2	Micron	2.5"	SATA (NVMe)	3.2TB	-		
XC100E55	U.2	Techman	2.5"	SATA (NVMe)	1.6TB	-		
NS1951UF13T8 Netlist N1951 D2 Series	U.2	Netlist	2.5"	SFF8639(NVMe)	3.84TB	Gen3 x4		
NS1551U711T9 Netlist N1551 D2 Series	U.2	Netlist	2.5"	SFF8639(NVMe)	1.92TB	Gen3 x4		
P34UTM-03T2U-ST-DETA D5457 Series	U.2	DERA	2.5"	SFF8639(NVMe)	3.2TB	Gen3 x4		
KCD51LUG960G CDS Series	U.2	Toshiba	2.5"	SFF8639(NVMe)	960GB	Gen3 x4		
PS5012-E12	U.2	PHISON	2.5"	SFF8639(NVMe)	1.92TB	Gen3 x4		
MZ-QLB1T9N 883 DCT Series	U.2	Samsung	2.5"	SFF8639(NVMe)	1.92TB	Gen3 x4		
MTFDHBE3T8TDF 7300 Pro Series	U.2	Micron	2.5"	SFF8639(NVMe)	3.84TB	Gen3 x4		
PWFX100 3.2TB	U.2	PHISON	2.5"	SFF8639(NVMe)	3.2TB	PCIe Gen3 x4		
MTFDHBE1T6TDG 7300 Max Series	U.2	Micron	2.5"	SFF8639(NVMe)	1.6TB	Gen3 x4		MTFDHBE1T6TDG-1AW1ZABYY
MTFDHBE960TDF 7300 Pro Series	U.2	Micron	2.5"	SFF8639(NVMe)	960GB	Gen3 x4		MTFDHBE960TDF-1AW4ZABYY
<b>M.2 Expansion PCIe Card</b>								
Product Name	Type	Vendor	Form Factor	Interface	Max. Channels	Interface Speed	Note	
CMT4032	PCIe	Gigabyte	22110	PCIe(NVMe)	2	Gen3 x 8bus		
CMT4034	PCIe	Gigabyte	22110	PCIe(NVMe)	4	Gen3 x 16bus		
<b>SATA DOM</b>								
Product Name	Type	Vendor	Capacity	Flash Type	Max. Channels	Max. Power Consumption	Note	
SATA III								
Innodisk SATADOM-SL 3ME4 DESSL-64GM41BC1SCB	Vertical	INNODISK	64GB	MLC	1	0.734 W		
Innodisk SATADOM-SH 3ME4 DESSH-64GM41BC1SCB	Horizontal	INNODISK	64GB	MLC	2	1.27 W		
<b>GPGPU Card (GPGPU server only)</b>								
Product Name	Processor Cores	Memory Bandwidth (GB/sec)	OpenGL	Microsoft DirectX	Graphics Card Power (W)	NVIDIA SLI / AMD CrossFire Ready	Note	
NVIDIA Tesla								
Tesla V100 (Volta)	5120	900 GB/s	-	-	250 W	-	(Maximum support 2pcs GPGPU )	
P100 (Pascal)	3584	732 GB/s	-	-	250 W	-	(Maximum support 2pcs GPGPU )	
P40 (Pascal)	3840	346 GB/s	-	-	250 W	-	(Maximum support 2pcs GPGPU )	
P4 (Pascal)	2560	192 GB/s	-	-	50/70 W	-	(Maximum support 2pcs GPGPU )	
Tesla M60 (Maxwell)	4096	320 GB/s	-	-	300 W	-	(Maximum support 2pcs GPGPU )	
Tesla M40 (Maxwell)	2560 (640/GPU)	-	-	-	250 W	-	(Maximum support 2pcs GPGPU )	
Tesla M10 (Maxwell)	2560 (640/GPU)	-	-	-	225 W	-	(Maximum support 2pcs GPGPU )	
<b>RAID Cards</b>								
Model	RAID-on-Chip Controller	Host Bus Type	Internal Ports	Internal Connectors	External Ports	External Connectors	Data Transfer Rates	Note
GIGABYTE Storage Cards								
CRA3338	LSI SAS 3008	PCIe-x8 Gen3 x8 bus	8	2 x Mini-SAS HD for 8x SAS	-	-	12Gb/s ports	
CSA3548	LSI SAS 3008	PCIe-x8 Gen3 x8 bus	8	-	4	2 x external Mini-SAS HD SFF8644	12Gb/s ports	
CRA4548	LSI SAS 3108	PCIe-x8 Gen3 x8 bus	4	1 x internal Mini-SAS HD SFF8643	8	1 x external Mini-SAS HD SFF8644	12Gb/s ports	
CRA4448	LSI SAS 3108	PCIe-x8 Gen3 x8 bus	8	2 x internal Mini-SAS HD SFF8643	-	-	12Gb/s ports	
CRAO438	LSI SAS 3108	OCPC PCIe-x8 Gen3 x8 bus	8	2 x SlimSAS ports	-	-	12Gb/s ports	
CRAO338	LSI SAS 3008	OCPC PCIe-x8 Gen3 x8 bus	8	2 x SlimSAS ports	-	-	12Gb/s ports	
CRAO358	LSI SAS 3008	OCPC PCIe-x8 Gen3 x8 bus	4	1 x internal SlimSAS port	1	1 x OCuLink port	12Gb/s ports	
CRAO558	LSI SAS 3108	OCPC PCIe-x8 Gen3 x8 bus	4	1 x internal SlimSAS port	1	1 x OCuLink port	12Gb/s ports	
CRA4648	LSI SAS3108	PCIe x8 slot (3.0 x8 bus)	8	2 x internal Mini-SAS HD SFF8643	8	-	12Gb/s ports	
LSI RAID Controller Cards								
MegaRAID SAS 9361-8i	LSISAS3108 dual core RAID on Chip (ROC)	x8 lane PCI Express® 3.0	8	2 x HD Mini-SAS SFF8643 (Horizontal mount)	-	-	Up to 12Gb/s per port	
Microsemi RAID Cards								
SmartRAID 3154-8i	PM8204	8-Lane PCIe Gen3	8	2 x Internal, SFF-8643	-	-	12 Gb/s per port	

SmartRAID 3154-16i	PM8236	8-Lane PCIe Gen3	16	4 x Internal, SFF-8643	-	-	12 Gb/s per port	
Microsemi Host Bus Adapters								
SmartHBA 2100-8i	PM8222	8-Lane PCIe Gen3	8	2 x Internal, SFF-8643	-	-	12 Gb/s per port	
HBA 1100-16i	PM8242	8-Lane PCIe Gen3	16	4 x Internal, SFF-8643	-	-	12 Gb/s per port	
HBA 1100-24i	PM8238	8-Lane PCIe Gen3	24	6 x Internal, SFF-8643	-	-	12 Gb/s per port	
<b>LAN Cards</b>								
Product Name	Connector	System Interface Type	# of Ports	System Interface Type	Data rate	Note		
GIGABYTE LAN Cards								
CLN0222	RJ-45	OCPC PCIe Gen3 x4		Dual	10Gb/s per port	INTEL X550-AT2		
CLN0832	SFP+	OCPC PCIe x8 Gen2 x8		Dual	10Gb/s per port	INTEL 82599ES		
CLN0Q42	SFP28	OCPC PCIe x8		Dual	25Gb/s per port	Ologic (Cavium) QL41401-A2G Support OCP 2.0		
CLN4121	RJ-45	PCIe x8 Gen3 x4		Single	10Gb/s per port	INTEL X550-AT		
CLN4831	SFP+	PCIe x8 Gen2 x8		Single	10Gb/s per port	INTEL 82599EN		
CLN4832	SFP+	PCIe x8 Gen2 x8		Dual	10Gb/s per port	INTEL 82599ES		
CLN4522	RJ-45	PCIe x8 Gen2 x8		Dual	10Gb/s per port	INTEL X540		
CLN4751	QSFP+	PCIe x8 Gen3 x8		Single	40Gb/s per port	INTEL XL710		
CLN4752	QSFP+	PCIe x8 Gen3 x8		Dual	40Gb/s per port	INTEL XL710		
CLN4222	RJ-45	PCIe x8 Gen3 x4		Dual	10Gb/s per port	INTEL X550-AT2		
CLN4224	RJ-45	PCIe x8 Gen3 x4		Quad	10Gb/s per port	INTEL X550-AT2		
CLN4C42	SFP28	PCIe Gen3 x16		Dual	25Gb/s per port	Mellanox ConnectX-4		
CLN4C44	SFP28	PCIe Gen3 x16		Quad	25Gb/s per port	Mellanox ConnectX-4		
CLN4M34	SFP28	PCIe Gen3 x16		Quad	10Gb/s per port	Mellanox ConnectX-4		
GC-MNXE21	SFP+	PCIe x8 Gen3 x8		Dual	10Gb/s per port	Mellanox ConnectX-3		
GC-MLBZ1	SFP+	PCIe x8 Gen2 x8		Dual	10Gb/s per port	Broadcom BCM57810S		
CLN4312	RJ-45	PCIe x4 Gen2 x4		Dual	1Gb/s per port	INTEL I350-AM2		
CLN4314	RJ-45	PCIe x4 Gen2 x4		Quad	1Gb/s per port	INTEL I350-AM4		
Intel_10GbE								
Intel® Ethernet Converged Network Adapter X550-T2	RJ-45	PCIe v3.0 (8.0 GT/s)		Dual	10Gb/s per port			
Intel® Ethernet Converged Network Adapter X710-DA4	SFP+	PCIe v3.0 (8.0 GT/s)		Quad	10Gb/s per port			
Intel® Ethernet Converged Network Adapter X520-DA2	SFP+	PCIe v2.0 (5.0GT/s)		Dual	10Gb/s per port			
Intel_25GbE								
Intel® Ethernet Network Adapter XXV710-DA2 for OCP	SFP28	OCPC PCIe v3.0 (8.0 GT/s)		Dual	25Gb/s per port			
Mellanox ConnectX								
MCX555A-EGAT	QSFP28	PCIe 3.0 x16		Single	100Gb/s per port	Mellanox ConnectX-5 VPI (InfiniBand)		
MCX516A-CCAT	QSFP28	PCIe Gen3 x16		Dual	100Gb/s per port	Mellanox ConnectX-5 EN		
MCX515A-CCAT	QSFP28	PCIe Gen3 x16		Single	100Gb/s per port	Mellanox ConnectX-5 EN		
MCX455A-EGAT	QSFP28	PCIe Gen3 x16		Single	100Gb/s per port	Mellanox ConnectX-4 VPI (InfiniBand)		
MCX516A-GCAT	QSFP28	PCIe Gen3 x16		Dual	50Gb/s per port	Mellanox ConnectX-5 EN		
MCX4421A-ACON	SFP28	OCPC PCIe Gen3 x8		Dual	25Gb/s per port	Mellanox ConnectX-4 Lx EN / Support OCP 2.0		
MCX4121A-ACAT	SFP28	PCIe Gen3 x8		Dual	25Gb/s per port	Mellanox ConnectX-4 Lx EN		
Solarflare Onload Server Adapters								
SFN8522-PLUS	QSFP+	PCIe 3.1 x8		Dual	10Gb/s per port			
SFN8522-ScaleOut Onload	QSFP+	PCIe 3.1 x8		Dual	10Gb/s per port			
Ologic LAN Adapters								
QL45611HLCU	QSFP28	PCIe x16 Gen3 x16		Single	100Gb/s per port			
QLF3442-CU-CK	SFP+	PCIe x8 Gen3 x8		Dual	10Gb/s per port			
QLF3442-RJ-CK	RJ-45	PCIe x8 Gen3 x8		Dual	10Gb/s per port			
QL45212HLCU-CK	SFP28	PCIe x8 Gen3 x8		Dual	25Gb/s per port			
QL45412HLCU-CK	QSFP+	PCIe x16 Gen3 x16		Dual	40Gb/s per port			
QL41212HLCU-SP	SFP28	PCIe x8 Gen3 x8		Dual	25Gb/s per port			
QL41132HLCU-SP	SFP28	PCIe x8 Gen3 x8		Dual	10Gb/s per port			
QL41232HOCU	SFP28	OCPC PCIe x8 Gen3 x8		Dual	25Gb/s per port	Support OCP 2.0		
Broadcom (Emulex) Ethernet Networking Adapters								
MSIP-REM-BCM-957414M4142	SFP+	OCPC PCIe 3.0 x8		Dual	25Gb/s per port	with RDMA / Support OCP 2.0 type1		
Broadcom FC Host Bus Adapter								
LPe32002-M2	SFP+	PCIe 3.0 x8		Dual	32Gb/s per port	XE501 controller		
Intel Omni-Path Host Fabric								
Intel® Omni-Path Host Fabric Adapters 100HFA016LS	QSFP28	PCIe v3.0 x16		Single	100Gb/s per port			
<b>USB Device</b>								
Product Name	Type	Vendor	Capacity	USB 3.0				Note
PURE CLASSIC X176B1F-WBO/5	HDD	Gigabyte	500G					
NU EBC113	Blue-ray	NU						
NU ESW863 8X SLIM	DVD	NU						
SILICON POWER BLAZE B10 16GB	Flash	SILICON	16G					