

Quanta Cloud Technology

T42S-2U

QCT provides the Compatible Components List (CCL) for channel partners and systems integrators to ensure compatibility when selecting components for full system integration. QCT has spent reasonable efforts to ensure the listed components have passed extensive testing with QCT hardware. QCT is not able to guarantee the quality and reliability of the third-party components. This compatibility list is provided for reference only and not to replace the full QCT hardware certification program.

OS CCL

OS Type	Support Level
Ubuntu Server 16.04 (LTS)	(OS Partner Certified:QCT validated all possible hardware configurations with this OS)
Microsoft Windows Server 2016 , including Hyper-V	(OS Partner Certified:QCT validated all possible hardware configurations with this OS)
VMware vSphere 6.5 (ESXi 6.5)	(OS Partner Certified:QCT validated all possible hardware configurations with this OS)
Red Hat Enterprise Linux 7.3 X86_64 including KVM (for Purley project)	(OS Partner Certified:QCT validated all possible hardware configurations with this OS)

CPU CCL

Model	FSB	QPI Max	Core	Frequency	Watt	QuantaPN	VendorPN	Note
8176	2666	10.4GT/s	28 Core	2.1GHz	165W	AJSR37AUA00	CD8067303314700	
8170	2666	10.4GT/s	26 Core	2.1GHz	165W	AJSR37HUA00	CD8067303327601	
8164	2666	10.4GT/s	26 Core	2.0GHz	150W	AJSR3BBUA00	CD8067303408800	
8160	2666	10.4GT/s	24 Core	2.1GHz	150W	AJSR3B0UA00	CD8067303405600	
6152	2666	10.4GT/s	22 Core	2.1GHz	140W	AJSR3B4UA00	CD8067303406000	
6150	2666	10.4GT/s	18 Core	2.7GHz	165W	AJSR37KSA00	CD8067303328000	
6148	2666	10.4GT/s	20 Core	2.4GHz	150W	AJSR3B6UA00	CD8067303406200	
6142	2666	10.4GT/s	16 Core	2.6GHz	150W	AJSR3AYQA00	CD8067303405400	
6140	2666	10.4GT/s	18 Core	2.3GHz	140W	AJSR3AXUA00	CD8067303405200	
6138T	2666	10.4GT/s	20 Core	2.0GHz	125W	AJSR3J7UA00	CD8067303592900	
6138	2666	10.4GT/s	20 Core	2.0GHz	125W	AJSR3B5UA00	CD8067303406100	
6136	2666	10.4GT/s	12 Core	3.0GHz	150W	AJSR3B28A00	CD8067303405800	
6134	2666	10.4GT/s	8 Core	3.2GHz	130W	AJSR3AR8A00	CD8067303330302	
6130T	2666	10.4GT/s	16 Core	2.1GHz	125W	AJSR3J8UA00	CD8067303593000	
6130	2666	10.4GT/s	16 Core	2.1GHz	125W	AJSR3B9UA00	CD8067303409000	
6126	2666	10.4GT/s	12 Core	2.6GHz	125W	AJSR3B3QA00	CD8067303405900	
5122	2666	10.4GT/s	Quad	3.6GHz	105W	AJSR3AT8A00	CD8067303330702	
5120T	2400	10.4GT/s	14 Core	2.2GHz	105W	AJSR3GCUA00	CD8067303535700	
5120	2400	10.4GT/s	14 Core	2.2GHz	105W	AJSR3GDUA00	CD8067303535900	
5118	2400	10.4GT/s	12 Core	2.3GHz	105W	AJSR3GFUA00	CD8067303536100	
5115	2400	10.4GT/s	10 Core	2.4GHz	85W	AJSR3GBUA00	CD8067303535601	
4116	2400	9.6GT/s	12 Core	2.1GHz	85W	AJSR3HQUA00	CD8067303536000	
4114	2400	9.6GT/s	10 Core	2.2GHz	85W	AJSR3GKUA00	CD8067303561800	
4112	2400	9.6GT/s	Quad	2.6GHz	85W	AJSR3GNQA00	CD8067303562100	
4110	2400	9.6GT/s	8 Core	2.1GHz	85W	AJSR3GHUA00	CD8067303561400	
4109T	2400	9.6GT/s	8 Core	2.0GHz	70W	AJSR3GPIUA00	CD8067303562200	
4108	2400	9.6GT/s	8 Core	1.8GHz	85W	AJSR3GJUA00	CD8067303561500	
3106	2133	9.6GT/s	8 Core	1.7GHz	85W	AJSR3GLVA00	CD8067303561900	

3104 2133 9.6GT/s 6 Core 1.7GHz 85W AJSR3GMVA00 CD8067303562000

*Grayed-out items: to be EOL soon or already EOL

Memory CCL

SDRAM Type	Frequency	Size	DIMM Type	Vendor	QuantaPN	VendorPN	Note
DDR4_LR	21300(2666MHz)	64GB	Register	SK Hynix	ATR5ZAGLW01	HMAA8GL7AMR4N-VK	
DDR4	21300(2666MHz)	128GB	Register	Samsung	ATR5GAGR506	M393AAK40B42-CWD	
DDR4	21300(2666MHz)	64GB	Register	Samsung	ATR5ZAGR500	M393A8K40B22-CWD7Q	
DDR4	21300(2666MHz)	64GB	Register	SK Hynix	ATR5ZAGRW00	HMAA8GR7A2R4N-VN	
DDR4	21300(2666MHz)	32GB	Register	Micron	ATR5XAGRL12	MTA36ASF4G72PZ-2G6E1QK	
DDR4	21300(2666MHz)	32GB	Register	Micron	ATR5XAGRL02	MTA36ASF4G72PZ-2G6D1QG	
DDR4	21300(2666MHz)	32GB	Register	Samsung	ATR5XAGR501	M393A4K40BB2-CTD6Q	
DDR4	21300(2666MHz)	32GB	Register	Samsung	ATR5XAGR507	M393A4K40CB2-CTD7Q	
DDR4	21300(2666MHz)	32GB	Register	SK Hynix	ATR5XAGRW21	HMA84GR7CJR4N-VK	
DDR4	21300(2666MHz)	32GB	Register	SK Hynix	ATR5XAGRW07	HMA84GR7AFR4N-VK	
DDR4	21300(2666MHz)	16GB	Register	Micron	ATR5GAGRL02	MTA18ASF2G72PDZ-2G6D1	
DDR4	21300(2666MHz)	16GB	Register	Micron	ATR5GAGRL20	MTA18ASF2G72PDZ-2G6E1QI	
DDR4	21300(2666MHz)	16GB	Register	Samsung	ATR5GAGR507	M393A2K40CB2-CTD7Q	
DDR4	21300(2666MHz)	16GB	Register	Samsung	ATR5GAGR502	M393A2K40BB2-CTD6Q	
DDR4	21300(2666MHz)	16GB	Register	Samsung	ATR5GAGR505	M393A2K43BB1-CTD	
DDR4	21300(2666MHz)	16GB	Register	SK Hynix	ATR5GAGRW08	HMA82GR7AFR4N-VK	
DDR4	21300(2666MHz)	16GB	Register	SK Hynix	ATR5GAGRW09	HMA82GR7AFR8N-VK	
DDR4	21300(2666MHz)	16GB	Register	SK Hynix	ATR5GAGRW13	HMA82GR7CJR4N-VK	
DDR4	21300(2666MHz)	16GB	Register	SK Hynix	ATR3GAGRW23	HMA82GR7CJR8N-VK	
DDR4	21300(2666MHz)	8GB	Register	Micron	ATR58AGRL04	MTA9ASF1G72PZ-2G6D1	
DDR4	21300(2666MHz)	8GB	Register	Samsung	ATR58AGR507	M393A1K43BB1-CTD6Q	
DDR4	19200(2400MHz)	32GB	Register	Samsung	ATR5XAGR505	M393A4K40CB1-CRC4Q	
DDR4	19200(2400MHz)	32GB	Register	Samsung	ATR3XAGR503	M393A4K40BB1-CRC	
DDR4	19200(2400MHz)	32GB	Register	SK Hynix	ATR5XAGRW03	HMA84GR7AFR4N-UH	
DDR4	19200(2400MHz)	16GB	Register	Samsung	ATR3GAGR507	M393A2K40BB1-CRC	
DDR4	19200(2400MHz)	16GB	Register	Samsung	ATR3GAGR522	M393A2K40CB1-CRC4Q	
DDR4	19200(2400MHz)	16GB	Register	SK Hynix	ATR3GAGRW05	HMA82GR7AFR4N-UH	
DDR4	21300(2666MHz)	32GB	Register	Micron	ATR5XAGRL06	MTA36ASF4G72PZ-2G6H1QG	

*Grayed-out items: to be EOL soon or already EOL

HDD CCL

Form Factor	Interface	Bandwidth	Capacity	Rpm	Vendor	Product family	Model	QuantaPN	VendorPN	Note
3.5	SASIII	12 Gb/s	14TB	7.2 Krpm	Toshiba	MG07	MG07SCA14TE	AB0014TE001	HDEPM10GEA51	
3.5	SASIII	12 Gb/s	12TB	7.2 Krpm	HGST	Leo-A He 12	HUH721212AL5200	AB721212001	0F29530	
3.5	SASIII	12 Gb/s	12TB	7.2 Krpm	Seagate	Mobula	ST12000NM0027	AB12000N002	2A1201-002	
3.5	SASIII	12 Gb/s	10TB	7.2 Krpm	Seagate	Tatsu	ST10000NM0096	AB10000N010	2AA201-005	
3.5	SASIII	12 Gb/s	10TB	7.2 Krpm	Toshiba	Magnum	MG06SCA10TE	AB0010TE001	HDEPK10GEA51	
3.5	SASIII	12 Gb/s	8TB	7.2 Krpm	Seagate	Makara Plus	ST8000NM0075	AB8000NM012	1RM212-004	
3.5	SASIII	12 Gb/s	8TB	7.2 Krpm	Seagate	Makara Plus	ST8000NM0075	AB8000NM002	1RM212-003	

3.5	SASIII	12 Gb/s	8TB	7.2 Krpm	Seagate	Makara Plus	ST8000NM0075	AB008000006	1RM212-002
3.5	SASIII	12 Gb/s	8TB	7.2 Krpm	Toshiba	Magnum	MG06SCA800E	AB00800E005	HDEPK11GEA51
3.5	SASIII	12 Gb/s	6TB	7.2 Krpm	Seagate	MakaraBP	ST6000NM0095	AB6000NM025	1Y2210-004
3.5	SASIII	12 Gb/s	6TB	7.2 Krpm	Seagate	MakaraBP	ST6000NM0095	AB6000NM010	1Y2210-002
3.5	SASIII	12 Gb/s	6TB	7.2 Krpm	Toshiba	Tomcat-R	MG04SCA60EE	AB000060002	HDEPF10GEA51
3.5	SATAIII	6 Gb/s	14TB	7.2 Krpm	Toshiba	MG07	MG07ACA14TE	AB0014TE000	HDEPW10GEA51
3.5	SATAIII	6 Gb/s	12TB	7.2 Krpm	HGST	Leo-A He 12	HUH721212ALE600	AB721212000	0F30144
3.5	SATAIII	6 Gb/s	12TB	7.2 Krpm	Seagate	Mobula	ST12000NM0007	AB2000NM038	2A1101-001
3.5	SATAIII	6 Gb/s	12TB	7.2 Krpm	Seagate	Mobula	ST12000NM0007	AB12000N001	2A1101-002
3.5	SATAIII	6 Gb/s	12TB	7.2 Krpm	Toshiba	MG07	MG07ACA12TE	AB0012TE000	HDEPW11GEA51
3.5	SATAIII	6 Gb/s	10TB	7.2 Krpm	Seagate	Tatsu	ST10000NM0016	AB10000N011	1TT101-005
3.5	SATAIII	12 Gb/s	10TB	7.2 Krpm	Seagate	Tatsu	ST10000NM0086	AB10000N009	2AA101-005
3.5	SATAIII	6 Gb/s	10TB	7.2 Krpm	Seagate	Tatsu	ST10000NM0086	AB10000N008	2AA101-003
3.5	SATAIII	6 Gb/s	10TB	7.2 Krpm	Toshiba	Magnum	MG06ACA10TE	AB0010TE000	HDEPV10GEA51
3.5	SATAIII	6 Gb/s	8TB	7.2 Krpm	Seagate	Makara Plus	ST8000NM0055	AB8000NM007	1RM112-004
3.5	SATAIII	6 Gb/s	8TB	7.2 Krpm	Seagate	Makara Plus	ST8000NM0055	AB8000NM006	1RM112-104
3.5	SATAIII	6 Gb/s	8TB	7.2 Krpm	Seagate	Terascale V2	ST8000NC0002	AB8000NC000	1XX112-004
3.5	SATAIII	6 Gb/s	8TB	7.2 Krpm	Seagate	Terascale V2	ST8000NC0002	AB008000007	1XX112-002
3.5	SATAIII	6 Gb/s	8TB	7.2 Krpm	Toshiba	Galaxy	MG05ACA800E	AB00800E000	HDEPT10GBA51
3.5	SATAIII	6 Gb/s	8TB	7.2 Krpm	Toshiba	Galaxy	MG05ACA800E	AB00800E000	HDEPT10GEA51
3.5	SATAIII	6 Gb/s	8TB	7.2 Krpm	Toshiba	Magnum	MG06ACA800E	AB00800E004	HDEPV11GEA51
3.5	SATAIII	6 Gb/s	6TB	7.2 Krpm	Seagate	MakaraBP	ST6000NM0115	AB6000NM019	1YZ110-004
3.5	SATAIII	6 Gb/s	6TB	7.2 Krpm	Seagate	MakaraBP	ST6000NM0115	AB6000NM009	1YZ110-002
3.5	SATAIII	6 Gb/s	6TB	7.2 Krpm	Toshiba	Magnum	MG06ACA600E	AB00600E004	HDEPV13GEA51
3.5	SATAIII	6 Gb/s	6TB	7.2 Krpm	Toshiba	Tomcat-R	MG04ACA600E	AB00600E001	HDEPS10GEA51
3.5	SATAIII	6 Gb/s	4TB	7.2 Krpm	Seagate	MakaraBP	ST4000NM0035	AB4000NM027	1V4107-004
3.5	SATAIII	6 Gb/s	4TB	7.2 Krpm	Seagate	MakaraBP	ST4000NM0115	AB4000NM022	1YZ107-002
3.5	SATAIII	6 Gb/s	4TB	7.2 Krpm	Seagate	MakaraBP	ST4000NM0115	AB4000NM028	1YZ107-004
3.5	SATAIII	6 Gb/s	4TB	7.2 Krpm	Toshiba	Tomcat	MG04ACA400E	AB00400E000	HDEPR11GEA51
3.5	SATAIII	6 Gb/s	2TB	7.2 Krpm	Seagate	MakaraBP	ST2000NM0055	AB2000NM043	1V4104-004
3.5	SATAIII	6 Gb/s	2TB	7.2 Krpm	Seagate	MakaraBP	ST2000NM0125	AB2000NM034	1YZ104-002
3.5	SATAIII	6 Gb/s	2TB	7.2 Krpm	Toshiba	Tomcat	MG04ACA200E	AB000200009	HDEPR13GEA51

3.5	SATAIII	6 Gb/s	1TB	7.2 Krpm	Seagate	MakaraBP	ST1000NM0055	AB1000NM020	1V410C-002
3.5	SATAIII	6 Gb/s	1TB	7.2 Krpm	Toshiba	Tomcat	MG04ACA100N	AB00100N000	HDEPR04GEA51
2.5	SASIII	12 Gb/s	2.4TB	10 Krpm	Seagate	Skybolt	ST2400MM0129	AB2400MM001	1XK203-003
2.5	SASIII	12 Gb/s	2.4TB	10 Krpm	Toshiba	AL15SE	AL15SEB24EQ	AB0024EQ001	HDEBL10GEA51
2.5	SASIII	12 Gb/s	2TB	7.2 Krpm	Seagate	Avenger	ST2000NX0273	AB2000NX004	1FM201-004
2.5	SASIII	12 Gb/s	2TB	7.2 Krpm	Seagate	Avenger	ST2000NX0273	AB2000NX001	1FM201-002
2.5	SASIII	12 Gb/s	1.8TB	10 Krpm	Seagate	Skybolt	ST1800MM0129	AB1800MM005	1XJ203-003
2.5	SASIII	12 Gb/s	1.8TB	10 Krpm	Toshiba	AL14SE	AL14SEB18EQ	AB0018EQ000	HDEBJ10GEA51
2.5	SASIII	12 Gb/s	1.8TB	10 Krpm	Toshiba	AL15SE	AL15SEB18EQ	AB0018EQ002	HDEBL11GEA51
2.5	SASIII	12 Gb/s	1.2TB	10 Krpm	Seagate	Skybolt	ST1200MM0129	AB1200MM007	1XH203-003
2.5	SASIII	12 Gb/s	1.2TB	10 Krpm	Toshiba	AL14SE	AL14SEB12EQ	AB0012EQ000	HDEBJ11GEA51
2.5	SASIII	12 Gb/s	1.2TB	10 Krpm	Toshiba	AL15SE	AL15SEB12EQ	AB0012EQ002	HDEBL12GEA51
2.5	SASIII	12 Gb/s	1TB	7.2 Krpm	Seagate	Avenger	ST1000NX0333	AB1000NX003	1FN201-002
2.5	SASIII	12 Gb/s	900GB	10 Krpm	Toshiba	AL14SE	AL14SEB09EQ	AB000090002	HDEBJ12GEA51
2.5	SASIII	12 Gb/s	900GB	10 Krpm	Toshiba	AL14SE Lite	AL14SEB090N	AB000090000	HDEBF02GEA51
2.5	SASIII	12 Gb/s	600GB	15 Krpm	Toshiba	AL13SX-MLK	AL13SXB60EE	AB000060004	HDEAG10GEA51
2.5	SASIII	12 Gb/s	600GB	10 Krpm	Seagate	Skybolt	ST600MM0099	AB0600MM003	1XF203-003
2.5	SATAIII	6 Gb/s	2TB	7.2 Krpm	Seagate	Avenger	ST2000NX0253	AB2000NX003	1FM101-004
2.5	SATAIII	6 Gb/s	2TB	7.2 Krpm	Seagate	Avenger	ST2000NX0253	AB2000NX000	1FM101-002
2.5	SATAIII	6 Gb/s	1TB	7.2 Krpm	Seagate	Avenger	ST1000NX0313	AB1000NX002	1FN101-002
2.5	SATAIII	6 Gb/s	1TB	7.2 Krpm	Seagate	Avenger	ST1000NX0313	AB1000NX005	1FN101-004
3.5	SASIII	12 Gb/s	10TB	7.2 Krpm	HGST	Libra-He10	HUH721010AL5200	AB721010124	0F27352
3.5	SASIII	12 Gb/s	8TB	7.2 Krpm	HGST	Aries He8	HUH728080AL5200	AB728080004	0F23268
3.5	SASIII	12 Gb/s	6TB	7.2 Krpm	HGST	Aries He8	HUH728060AL5200	AB728060001	0F23270
3.5	SASIII	12 Gb/s	6TB	7.2 Krpm	HGST	Aries-KP	HUS726060AL5210	AB726060008	0F22791
3.5	SASIII	12 Gb/s	4TB	7.2 Krpm	HGST	Aries-KP	HUS726040AL5210	AB726040000	0F22795
3.5	SATAIII	6 Gb/s	10TB	7.2 Krpm	HGST	Libra-He10	HUH721010ALE600	AB721010065	0F27452
3.5	SATAIII	6 Gb/s	8TB	7.2 Krpm	HGST	Libra-He10	HUH721008ALE600	AB721008003	0F27455
3.5	SATAIII	6 Gb/s	6TB	7.2 Krpm	HGST	Aries-KP	HUS726060ALE610	AB726060002	0F23001
3.5	SATAIII	6 Gb/s	3TB	7.2 Krpm	Toshiba	Harrier	MG03ACA300	AB000300001	HDEPQ01GEA51
3.5	SATAIII	6 Gb/s	2TB	7.2 Krpm	HGST	Aries-KP	HUS726020ALE610	AB726020001	0F23009
2.5	SASIII	12 Gb/s	1.8TB	10 Krpm	HGST	Cobra F	HUC101818CS4200	AB101818000	0B27978

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2.5	SASIII	12 Gb/s	1.8TB	10 Krpm	Seagate	Thunderbolt	ST1800MM0018	AB1800MM001	1GR201-002
2.5	SASIII	12 Gb/s	1.2TB	10 Krpm	HGST	Cobra F	HUC101812CS4200	AB101812000	0B27977
2.5	SASIII	12 Gb/s	1.2TB	10 Krpm	Seagate	Thunderbolt	ST1200MM0018	AB1200MM001	1FF201-002
2.5	SASIII	12 Gb/s	1.2TB	10 Krpm	Seagate	Thunderbolt	ST1200MM0018	AB1200MM004	1FF201-004
2.5	SASIII	12 Gb/s	900GB	10 Krpm	HGST	Cobra F	HUC101890CS4200	AB101890000	0B27975
2.5	SASIII	12 Gb/s	900GB	10 Krpm	Seagate	Thunderbolt	ST900MM0018	AB000900003	1FE201-002
2.5	SASIII	12 Gb/s	600GB	15 Krpm	HGST	KingCobra-F	HUC156060CSS200	AB156060000	0B28953
2.5	SASIII	12 Gb/s	600GB	15 Krpm	Seagate	ValkyrieBP	ST600MP0035	AB000600005	1MJ201-004
2.5	SASIII	12 Gb/s	600GB	10 Krpm	HGST	Cobra F	HUC101860CS4200	AB101860003	0B27974
2.5	SASIII	12 Gb/s	600GB	10 Krpm	Seagate	Thunderbolt	ST600MM0018	AB000600006	1FD201-002
2.5	SASIII	12 Gb/s	450GB	15 Krpm	HGST	KingCobra-F	HUC156045CSS200	AB156045000	0B28954
2.5	SASIII	12 Gb/s	300GB	15 Krpm	HGST	KingCobra-F	HUC156030CSS200	AB156030002	0B28955
2.5	SASIII	12 Gb/s	300GB	15 Krpm	Seagate	ValkyrieBP	ST300MP0035	AB0300MP001	1MG201-004
2.5	SASIII	12 Gb/s	300GB	10 Krpm	HGST	Cobra F	HUC101830CSS200	AB101830000	0B28810

*Grayed-out items: to be EOL soon or already EOL

Storage Card CCL

Form Factor	Bandwidth	Chip	Port	RAID	Onboard memory	Bus	Gen	Vendor	Model	QuantaPN	BBU SuperCap
HHHL	12Gbps	LSISAS3008	8e	JBOD	NA	PCI-E X 8	Gen 3	Broadcom	LSI SAS9300-8E	ADPC2546000	NA
HHHL	12Gbps	LSISAS3108	8e	RAID 0,1,5,6,10,50,60	1GB	PCI-E X 8	Gen 3	Broadcom	MegaRAID SAS9380-8E	AD002552001	CVFM04/CVPM04
Mezz	12Gbps	LSISAS3008	8i	RAID 0,1,1E,10	NA	PCI-E X 8	Gen 3	Quanta	QS-3008A-IR	3FS5DPB0050	NA
Mezz	12Gbps	LSISAS3108	8i	RAID 0,1,5,6,10,50,60	2G	PCI-E X 8	Gen 3	Quanta	QS-3108A-R6-PD32	3FS5DPB0030	FBU03
OCP Mezz	12Gbps	LSISAS3008	8i	NA	NA	PCI-E X 8	Gen 3	Quanta	QS-3008A-IT	3FS5DPB0000	NA

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LAN Card CCL

Form Factor	Speed	Type	Port	Vendor	Model	Chip	Bus	Gen	QuantaPN	VendorPN	Note
HHHL	50Gb	QSFP28	1 port	MELLANOX	CX4131A	ConnectX-4 Lx EN	PCI-E X 8	Gen 3	ADPC4131000	MCX4131A-GCAT	
HHHL	40Gb	QSFP+	2 port	Intel	XL710-QDA2	Intel XL710-BM2	PCI-E X 8	Gen 3	ADPC0710004	EXL710QDA2G1P5	
HHHL	40Gb	QSFP+	1 port	Intel	XL710-QDA1	Intel XL710-AM1	PCI-E X 8	Gen 3	ADPC0710005	EXL710QDA1G1P5	

HHHL	25Gb	SFP28	2 port	MELLANOX	CX4121A	ConnectX-4 Lx EN	PCI-E X 8	Gen 3	ADPC4121001	MCX4121A-ACAT
HHHL	10Gb	RJ45	2 port	Intel	X540-T2	Intel X540	PCI-E X 8	Gen 2	ADPC0540000	X540T2G1P5
HHHL	10Gb	SFP+	4 port	Intel	X710-DA4	Intel XL710-AM1	PCI-E X 8	Gen 3	ADPC0710006	EX710DA4G1P5
HHHL	10Gb	SFP+	2 port	Intel	X520-DA2	Intel 82599ES	PCI-E X 8	Gen 2	ADPC0042000	E10G42BTDAG1P5
HHHL	10Gb	SFP+	2 port	Intel	X710-DA2	Intel X710-AM2	PCI-E X 8	Gen 3	ADPC0710007	EX710DA2G1P5
HHHL	1Gb	RJ45	4 port	Intel	I350-T4v2	Intel I350	PCI-E X 4	Gen 2	ADPC0350001	I350T4G2P20
OCP Mezz	40Gb	QSFP	1 port	Quanta	ON 40GbE CX3PRO	ConnectX-3 Pro VPI	PCI-E X 8	Gen 3	35S2BMA0020	35S2BMA0020
OCP Mezz	25Gb	SFP28	2 port	Quanta	ON 25GbE CX4 LX EN_Dual port	ConnectX-4 Lx EN	PCI-E X 8	Gen 3	3GS5BMA0000	3GS5BMA0000
OCP Mezz	10Gb	RJ45	2 port	Quanta	ON 10GbE X557-T2	Intel X557-AT2	KR	NA	3GS5BMA00C0	3GS5BMA00C0
OCP Mezz	10Gb	SFP+	4 port	Quanta	ON 10GbE X527-DA4	Inphi CS4223	KR	NA	3GS5BMA00A0	3GS5BMA00A0
OCP Mezz	10Gb	SFP+	2 port	Quanta	ON 10GbE X527-DA2	Inphi CS4227	KR	NA	3GS5BMA00E0	3GS5BMA00E0
OCP Mezz	1Gb	RJ45	4 port	Quanta	ON 1GbE I357-T4	Marvell 88E1543	KX	NA	3GS5BMA00B0	3GS5BMA00B0
OCP Mezz	1Gb	RJ45	2 port	Quanta	ON 1GbE I357-T2	Marvell 88E8514	KX	NA	3GS5BMA00D0	3GS5BMA00D0

*Grayed-out items: to be EOL soon or already EOL

InfiniBand Card CCL

Shape	MaxLink_Bankwidth	Connector	Port	Chip	Bus	Gen	Vendor	Model	QuantaPN	VendorPN	Note
HHHL	FDR	QSFP28	2	ConnectX-4 VPI	PCI-E X16	Gen 3	MELLANOX	CX456A	ADPC456A000	MCX456A-FCAT	
HHHL	EDR	QSFP28	2	ConnectX-4 VPI	PCI-E X16	Gen 3	MELLANOX	CX456A	ADPC456A001	MCX456A-ECAT	
HHHL	QDR	QSFP	2	IBA7322	PCI-E X 8	Gen 2	Intel	QLE7342	ADPC7342000	QLE7342CK	

*Grayed-out items: to be EOL soon or already EOL

PSU CCL

Power Capacity	Type	Efficiency	Dimension(mm)	240VDC	Cold redundancy	QuantaPN	VendorPN	Note
2200W	Redundant	Platinum	86*196*40	Yes	Yes	AFM00B00010	MC2200B4-3-4R-02	
1600W	Redundant	Platinum	86*196*40	Yes	Yes	AFG00F00031	FSE023-930G	
1200W	Redundant	Platinum	86*196*40	Yes	Yes	AFC00F00011	MC1200B4-3-4R-02	

*Grayed-out items: to be EOL soon or already EOL

SSD CCL

Form Factor	Type	Bandwidth	Capacity	NAND Type	Process	Vendor	Product family	QuantaPN	VendorPN	Note
Daughter card	PCI-e	Gen3 X4	1TB	SLC	NA	Toshiba	XG5	ABS01T02002	KXG50ZNV1T02	
Daughter card	PCI-e	Gen3 X4	960GB	eMLC	NA	Seagate	Panther	ABS960KN000	1YT342-001	
Daughter card	PCI-e	Gen3 X4	512GB	SLC	NA	Toshiba	XG5	ABS0512G112	KXG50ZNV512G	
Daughter card	PCI-e	Gen3 X4	480GB	eMLC	NA	Seagate	Panther	ABS480KN000	1YT332-001	
Daughter card	PCI-e	Gen3 X4	400GB	eMLC	NA	Seagate	Panther	ABS400KN000	1YS332-001	
Daughter card	PCI-e	Gen3 X4	256GB	SLC	NA	Toshiba	XG5	ABS0256G239	KXG50ZNV256G	
Daughter card	SATAIII	6Gb/s	1.92TB	3D_TLC	20nm	Micron	5100 ECO	ABS1T9TB000	MTFDDAV1T9TBY-1AR1ZABYY	
Daughter card	SATAIII	6Gb/s	960GB	3D_TLC	20nm	Micron	5100 ECO	ABSAV960001	MTFDDAV960TBY-1AR1ZABYY	
Daughter card	SATAIII	6Gb/s	480GB	3D_TLC	20nm	Micron	5100 ECO	ABSAV480003	MTFDDAV480TBY-1AR1ZABYY	
Daughter card	SATAIII	6Gb/s	256GB	3D_TLC	NA	Intel	S3110	ABS256G8003	NA	
2.5 - 7mm	SATAIII	6Gb/s	3.84TB	3D_TLC	N/A	Samsung	PM883	ABS3T8HM011	MZ7LH3T8HMLT-00005	
2.5 - 7mm	SATAIII	6Gb/s	3.84TB	3D_TLC	NA	Intel	S4500	ABS038T7000	NA	
2.5 - 7mm	SATAIII	6Gb/s	3.84TB	3D_TLC	NA	Micron	5200 ECO	ABSAK3T8001	MTFDDAK3T8TDC-1AT1ZABYY	
2.5 - 7mm	SATAIII	6Gb/s	2TB	TLC	3D NAND	Micron	1100	ABSAK2T0000	MTFDDAK2T0TBN-1AR1ZABYY	
2.5 - 7mm	SATAIII	6Gb/s	1.92TB	3D_TLC	20nm	Intel	S4500	ABS019T7000	NA	
2.5 - 7mm	SATAIII	6Gb/s	1.92TB	3D_TLC	N/A	Samsung	PM883	ABS1T9HM017	MZ7LH1T9HMLT-00005	
2.5 - 7mm	SATAIII	6Gb/s	1.92TB	3D_TLC	NA	Intel	S4600	ABS019T7001	NA	
2.5 - 7mm	SATAIII	6Gb/s	1.92TB	3D_TLC	NA	Micron	5200 ECO	ABSAK1T9006	MTFDDAK1T9TDC-1AT1ZABYY	
2.5 - 7mm	SATAIII	6Gb/s	1.92TB	3D_TLC	NA	Micron	5200 MAX	ABSAK1T9005	MTFDDAK1T9TDN-1AT16ABYY	
2.5 - 7mm	SATAIII	6Gb/s	1.92TB	3D_TLC	NA	Micron	5200 PRO	ABSAK1T9003	MTFDDAK1T9TDD-1AT1ZABYY	
2.5 - 7mm	SATAIII	6Gb/s	1.92TB	3D_TLC	NA	Samsung	SM883	ABS1T9HA004	MZ7KH1T9HAJR-00005	
2.5 - 7mm	SATAIII	6Gb/s	1.92TB	eMLC	15nm	Toshiba	Hawk-M4Rz	ABS81Q92000	THNSN81Q92CSE	
2.5 - 7mm	SATAIII	6Gb/s	1.92TB	MLC	1xnm	Sandisk	CloudSpeed Eco	ABS0019T001	SDLF1CRR-019T-1HA1	
2.5 - 7mm	SATAIII	6Gb/s	1.6TB	eMLC	15nm	Toshiba	Hawk-M4	ABS81Q60000	THNSN81Q60CSE	
2.5 - 7mm	SATAIII	6Gb/s	960GB	3D_TLC	20nm	Intel	S4600	ABS960G7007	NA	
2.5 - 7mm	SATAIII	6Gb/s	960GB	3D_TLC	20nm	Micron	5100 ECO	ABSAK960005	MTFDDAK960TBY-1AR1ZABYY	
2.5 - 7mm	SATAIII	6Gb/s	960GB	3D_TLC	N/A	Samsung	PM883	ABS960HA010	MZ7LH960HAJR-00005	
2.5 - 7mm	SATAIII	6Gb/s	960GB	3D_TLC	NA	Intel	S4500	ABS960G7006	NA	
2.5 -	SATAIII	6Gb/s	960GB	3D_TLC	NA	Micron	5200 ECO	ABS960TD000	MTFDDAK960TDC-	

7mm										1AT1ZABYY
2.5 - 7mm	SATAIII	6Gb/s	960GB	3D_TLC	NA	Micron	5200 MAX	ABSAK960009	MTFDDAK960TDN-1AT1ZABYY	
2.5 - 7mm	SATAIII	6Gb/s	960GB	3D_TLC	NA	Micron	5200 PRO	ABSAK960010	MTFDDAK960TDD-1AT1ZABYY	
2.5 - 7mm	SATAIII	6Gb/s	960GB	3D_TLC	NA	Samsung	SM883	ABS960HA008	MZ7KH960HAJR-00005	
2.5 - 7mm	SATAIII	6Gb/s	960GB	eMLC	15nm	Toshiba	Hawk-M4Rz	ABS08960000	THNSN8960PCSE	
2.5 - 7mm	SATAIII	6Gb/s	800GB	eMLC	15nm	Toshiba	Hawk-M4	ABS08800000	THNSN8800PCSE	
2.5 - 7mm	SATAIII	6Gb/s	480GB	3D_TLC	N/A	Samsung	PM883	ABS480HA008	MZ7LH480HAHQ-00005	
2.5 - 7mm	SATAIII	6Gb/s	480GB	3D_TLC	NA	Intel	S4500	ABS480G7007	NA	
2.5 - 7mm	SATAIII	6Gb/s	480GB	3D_TLC	NA	Intel	S4600	ABS480G7008	NA	
2.5 - 7mm	SATAIII	6Gb/s	480GB	3D_TLC	NA	Micron	5200 ECO	ABSAK480015	MTFDDAK480TDC-1AT1ZABYY	
2.5 - 7mm	SATAIII	6Gb/s	480GB	3D_TLC	NA	Micron	5200 MAX	ABSAK480014	MTFDDAK480TDN-1AT1ZABYY	
2.5 - 7mm	SATAIII	6Gb/s	480GB	3D_TLC	NA	Samsung	SM883	ABS480HA007	MZ7KH480HAHQ-00005	
2.5 - 7mm	SATAIII	6Gb/s	480GB	eMLC	15nm	Toshiba	Hawk-M4Rz	ABS08480000	THNSN8480PCSE	
2.5 - 7mm	SATAIII	6Gb/s	400GB	eMLC	15nm	Toshiba	Hawk-M4	ABS08400000	THNSN8400PCSE	
2.5 - 7mm	SATAIII	6Gb/s	240GB	3D_TLC	20nm	Micron	5100 PRO	ABSAK240004	MTFDDAK240TCB-1AR1ZABYY	
2.5 - 7mm	SATAIII	6Gb/s	240GB	3D_TLC	N/A	Samsung	PM883	ABS240HA007	MZ7LH240HAHQ-00005	
2.5 - 7mm	SATAIII	6Gb/s	240GB	3D_TLC	NA	Intel	S4500	ABS240G7009	NA	
2.5 - 7mm	SATAIII	6Gb/s	240GB	3D_TLC	NA	Intel	S4510	ABS240G8000	NA	
2.5 - 7mm	SATAIII	6Gb/s	240GB	3D_TLC	NA	Intel	S4600	ABS240G7010	NA	
2.5 - 7mm	SATAIII	6Gb/s	240GB	3D_TLC	NA	Samsung	SM883	ABS240HA008	MZ7KH240HAHQ-00005	
2.5 - 7mm	SATAIII	6Gb/s	240GB	eMLC	15nm	Toshiba	Hawk-M4Rz	ABS08240000	THNSN8240PCSE	
2.5 - 7mm	SATAIII	6Gb/s	240GB	MLC	19nm	Sandisk	CloudSpeed Eco	ABS0240G000	SDLFNDAR-240G-1HA1	
2.5 - 7mm	SATAIII	6Gb/s	200GB	eMLC	15nm	Toshiba	Hawk-M4	ABS08200000	THNSN8200PCSE	
2.5 - 7mm	SATAIII	6Gb/s	120GB	eMLC	15nm	Toshiba	Hawk-M4Rz	ABS08120000	THNSN8120PCSE	
2.5 - 15mm	SASIII	12Gb/s	3.84TB	MLC	20nm	Toshiba	Phoenix-M4	ABSVB384000	SDFAS00GEA01	
2.5 - 15mm	SASIII	12Gb/s	1.92TB	eMLC	15nm	Toshiba	Phoenix-M4	ABSVB192000	SDFAS01GEA01	
2.5 - 15mm	SASIII	12Gb/s	960GB	eMLC	15nm	Toshiba	Phoenix-M4	ABSVB096000	SDFAS02GEA01	
2.5 - 15mm	SASIII	12Gb/s	800GB	eMLC	15nm	Toshiba	Phoenix-M4	ABSMB080000	SDFAS03GEA01	
2.5 - 15mm	SASIII	12Gb/s	480GB	eMLC	15nm	Toshiba	Phoenix-M4	ABSVB048000	SDFAS03GEA01	
Daughter card	PCI-e	Gen3 X4	512GB	MLC	NA	Lite-On	NA	ABS8B512000	CX2-8B512	
Daughter card	SATAIII	6Gb/s	480GB	TLC	16nm	Intel	540s	ABS480H6001	SSDSCKKW480H6	
Daughter card	SATAIII	6Gb/s	120GB	TLC	16nm	Intel	540s	ABS120H6000	NA	
2.5 -	SATAIII	6Gb/s	3.84TB	3D_TLC	20nm	Micron	5100 ECO	ABSAK3T8000	MTFDDAK3T8TBY-	

7mm										1AR1ZABYY
2.5 - 7mm	SATAIII	6Gb/s	3.84TB	TLC	3D NAND	Micron	5100 PRO	ABS3T8TC000	MTFDDAK3T8TCB-1AR1ZABYY	
2.5 - 7mm	SATAIII	6Gb/s	3.84TB	VNAND	NA	Samsung	PM863a	ABS3T8HM002	MZ7LM3T8HMLP-00005	
2.5 - 7mm	SATAIII	6Gb/s	1.92TB	3D_TLC	20nm	Micron	5100 MAX	ABS1T9TC000	MTFDDAK1T9TCC-1AR1ZABYY	
2.5 - 7mm	SATAIII	6Gb/s	1.92TB	3D_TLC	NA	Micron	5100 ECO	ABSAK1T9001	MTFDDAK1T9TBY-1AR1ZABYY	
2.5 - 7mm	SATAIII	6Gb/s	1.92TB	MLC	20nm	Samsung	SM863a	ABS1T9HM003	MZ7KM1T9HJMJP-00005	
2.5 - 7mm	SATAIII	6Gb/s	1.92TB	TLC	20nm	Micron	5100 PRO	ABSAK1T9000	MTFDDAK1T9TCB-1AR1ZABYY	
2.5 - 7mm	SATAIII	6Gb/s	1.92TB	VNAND	NA	Samsung	PM863a	ABS1T9HM001	MZ7LM1T9HJMJP-00005	
2.5 - 7mm	SATAIII	6Gb/s	1.6TB	MLC HET	20nm	Intel	S3610	ABS016T4000	NA	
2.5 - 7mm	SATAIII	6Gb/s	1.2TB	MLC HET	20nm	Intel	S3610	ABS012T4004	NA	
2.5 - 7mm	SATAIII	6Gb/s	1.2TB	MLC HET	20nm	Intel	S3710	ABS012T4002	NA	
2.5 - 7mm	SATAIII	6Gb/s	1TB	TLC	3D NAND	Micron	1100	ABSAK1T0002	MTFDDAK1T0TBN-1AR1ZABYY	
2.5 - 7mm	SATAIII	6Gb/s	960GB	3D_TLC	20nm	Micron	5100 MAX	ABS00960008	MTFDDAK960TCC-1AR1ZABYY	
2.5 - 7mm	SATAIII	6Gb/s	960GB	3D_TLC	20nm	Micron	5100 PRO	ABSAK960006	MTFDDAK960TCB-1AR1ZABYY	
2.5 - 7mm	SATAIII	6Gb/s	960GB	MLC	16nm	Micron	M510DC	ABSAK960001	MTFDDAK960MBP-1AN1ZABYY	
2.5 - 7mm	SATAIII	6Gb/s	960GB	MLC	19nm	Sandisk	CloudSpeed Eco	ABS0960G000	SDLFNCAR-960G-1HA1	
2.5 - 7mm	SATAIII	6Gb/s	960GB	MLC	20nm	Samsung	SM863a	ABS960HM012	MZ7KM960HJMJP-00005	
2.5 - 7mm	SATAIII	6Gb/s	960GB	VNAND	NA	Samsung	PM863a	ABS960HM010	MZ7LM960HJMJP-00005	
2.5 - 7mm	SATAIII	6Gb/s	800GB	MLC HET	20nm	Intel	S3610	ABS0800G003	NA	
2.5 - 7mm	SATAIII	6Gb/s	800GB	MLC HET	20nm	Intel	S3710	ABS0800G001	NA	
2.5 - 7mm	SATAIII	6Gb/s	512GB	TLC	3D NAND	Micron	1100	ABSAK512010	MTFDDAK512TBN-1AR1ZABYY	
2.5 - 7mm	SATAIII	6Gb/s	480GB	3D_TLC	20nm	Micron	5100 ECO	ABSAK480008	MTFDDAK480TBY-1AR1ZABYY	
2.5 - 7mm	SATAIII	6Gb/s	480GB	3D_TLC	NA	Micron	5100 MAX	ABSAK480010	MTFDDAK480TCC-1AR1ZABYY	
2.5 - 7mm	SATAIII	6Gb/s	480GB	cMLC	20nm	Micron	5100 PRO	ABSAK480011	MTFDDAK480TCB-1AR1ZABYY	
2.5 - 7mm	SATAIII	6Gb/s	480GB	MLC	16nm	Micron	M510DC	ABSAK480007	MTFDDAK480MBP-1AN1ZABYY	
2.5 - 7mm	SATAIII	6Gb/s	480GB	MLC	20nm	Samsung	SM863a	ABS480HM006	MZ7KM480HMHQ-00005	
2.5 - 7mm	SATAIII	6Gb/s	480GB	MLC HET	20nm	Intel	S3610	ABS0480G002	NA	
2.5 - 7mm	SATAIII	6Gb/s	480GB	VNAND	NA	Samsung	PM863a	ABS480HM004	MZ7LM480HMHQ-00005	
2.5 - 7mm	SATAIII	6Gb/s	400GB	MLC HET	20nm	Intel	S3610	ABS0400G004	NA	
2.5 - 7mm	SATAIII	6Gb/s	400GB	MLC HET	20nm	Intel	S3710	ABS0400G002	NA	
2.5 - 7mm	SATAIII	6Gb/s	256GB	TLC	3D NAND	Micron	1100	ABSAK256022	MTFDDAK256TBN-1AR1ZABYY	
2.5 - 7mm	SATAIII	6Gb/s	240GB	3D_TLC	20nm	Micron	5100 MAX	ABSAK240005	MTFDDAK240TCC-1AR1ZABYY	
2.5 -	SATAIII	6Gb/s	240GB	MLC	16nm	Micron	M510DC	ABSAK240003	MTFDDAK240MBP-	

7mm									1AN1ZABYY
2.5 - 7mm	SATAIII	6Gb/s	240GB	MLC	20nm	Samsung	SM863a	ABS240HM005	MZ7KM240MHQ-00005
2.5 - 7mm	SATAIII	6Gb/s	240GB	VNAND	NA	Samsung	PM863a	ABS240HM004	MZ7LM240MHQ-00005
2.5 - 7mm	SATAIII	6Gb/s	200GB	MLC HET	20nm	Intel	S3610	ABS0200G007	NA
2.5 - 7mm	SATAIII	6Gb/s	200GB	MLC HET	20nm	Intel	S3710	ABS0200G005	NA
2.5 - 7mm	SATAIII	6Gb/s	120GB	MLC	16nm	Micron	M510DC	ABSAK120002	MTFDDAK120MBP-1AN1ZABYY
2.5 - 7mm	SATAIII	6Gb/s	100GB	MLC HET	20nm	Intel	S3610	ABS100G4001	NA
2.5 - 15mm	SASIII	12Gb/s	1.6TB	MLC	20nm	HGST	SunsetCove Plus	ABS1616A000	0B31068

*Grayed-out items: to be EOL soon or already EOL

TPM CCL

Model	QuantaPN	VendorPN	Note
NA	3TS3ATB00C0	3TS3ATB00C0	

*Grayed-out items: to be EOL soon or already EOL