

## Quanta Cloud Technology

### F06A

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
CentOS-6.4 X86_64	(QCT Tested: Either OS or hypervisor successfully installed)
Microsoft Windows Server 2012 R2, including Hyper-V	(OS Partner Certified:QCT validated all possible hardware configurations with this OS)
Microsoft Windows Server 2012 , including Hyper-V	(OS Partner Certified:QCT validated all possible hardware configurations with this OS)
Microsoft Windows Server 2008 R2_64, with SP1, Enterprise Edition, including Hyper-V	(QCT Supported)
Microsoft Windows Server 2008 R2 X86_64, with SP1, Enterprise Edition , including Hyper-V	(QCT Tested: Either OS or hypervisor successfully installed)
Novell SUSE Linux Enterprise Server 11 SP3 X86_64 including Xen	(QCT Tested: Either OS or hypervisor successfully installed)
Red Hat Enterprise Linux 7.0 X86_64 including KVM	(OS Partner Certified:QCT validated all possible hardware configurations with this OS)
Red Hat Enterprise Linux 6.5 (Update 5) X86_64 including KVM	(OS Partner Certified:QCT validated all possible hardware configurations with this OS)
Red Hat Enterprise Linux 6.4 (Update 4) X86_64 including KVM	(QCT Tested: Either OS or hypervisor successfully installed)
Ubuntu Server 14.04 (LTS)	(OS Partner Certified:QCT validated all possible hardware configurations with this OS)
CentOS-6.5 X86_64	(QCT Tested: Either OS or hypervisor successfully installed)
Oracle Linux 6.5	(QCT Tested: Either OS or hypervisor successfully installed)
Fedora Linux 20	(QCT Tested: Either OS or hypervisor successfully installed)
VMware vSphere 5.5 (ESXi 5.5u2) Update 2	(OS Partner Certified:QCT validated all possible hardware configurations with this OS)
Ubuntu Server 12.04.5	(QCT Tested: Either OS or hypervisor successfully installed)
VMware vSphere 6.0	(QCT Support Planned)
Red Hat Enterprise Linux 7.1 X86_64 including KVM	(QCT Support Planned)
Red Hat Enterprise Linux 7.2 X86_64 including KVM	(QCT Support Planned)

#### CPU CCL

Model	FSB	QPI Max	Core	Frequency	Watt	QuantaPN	VendorPN	Note
E5-2698 v4	2400	9.6GT/s	20 Core	2.2GHz	135W	AJSR2JWUA00	CM8066002024000	
E5-2690 v4	2400	9.6GT/s	14 Core	2.6GHz	135W	AJSR2N2QA00	CM8066002030908	
E5-2650 v4	2400	9.6GT/s	12 Core	2.2GHz	105W	AJSR2N3UA00	CM8066002031103	
E5-2698 v3	2133	9.6GT/s	16 Core	2.3GHz	135W	AJSR1XEUA00	CM8064401609800	
E5-2695 v3	2133	9.6GT/s	14 Core	2.3GHz	120W	AJSR1XGUA00	CM8064401438110	
E5-2690 v3	2133	9.6GT/s	12 Core	2.6GHz	135W	AJSR1XNQA00	CM8064401439416	
E5-2683 v3	NA	9.6GT/s	14 Core	2.0GHz	120W	AJSR1XHUA00	CM8064401609728	
E5-2680 v3	2133	9.6GT/s	12 Core	2.5GHz	120W	AJSR1XPRA00	CM8064401439612	
E5-2670 v3	2133	9.6GT/s	12 Core	2.3GHz	120W	AJSR1XSUA00	CM8064401544801	
E5-2660 v3	2133	9.6GT/s	10 Core	2.6GHz	105W	AJSR1XRQA00	CM8064401446117	
E5-2650L v3	2133	9.6GT/s	12 Core	1.8GHz	65W	AJSR1Y1UA00	CM8064401575702	

## Marketing summary report

E5-2650 v3	2133	9.6GT/s	10 Core	2.3GHz	105W	AJSR1YUA00	CM8064401723701
E5-2640 v3	1866	8.0GT/s	8 Core	2.6GHz	90W	AJSR205QA00	CM8064401830901
E5-2630 v3	1866	8.0GT/s	8 Core	2.4GHz	85W	AJSR206UA00	CM8064401831000
E5-2623 v3	1866	8.0GT/s	Quad	3.0GHz	105W	AJSR2088A00	CM8064401832000
E5-2620 v3	1866	8.0GT/s	6 Core	2.4GHz	85W	AJSR207UA00	CM8064401831400
E5-2609 v3	1600	6.4GT/s	6 Core	1.9GHz	85W	AJSR1YCUA00	CM8064401850800
E5-2603 v3	1866	6.4GT/s	6 Core	1.6GHz	85W	AJSR20AVA00	CM8064401844200

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

## Memory CCL

SDRAM Type	Frequency	Size	DIMM Type	Vendor	QuantaPN	VendorPN	Note
DDR4	17000(2133MHz)	32GB	Register	Samsung	ATR3XAGR505	M393A4K40BB0-CPB	
DDR4	17000(2133MHz)	16GB	Register	Samsung	ATR3GAGM538	M393A2K40BB0-CPB	
DDR4	17000(2133MHz)	16GB	Register	SK Hynix	ATR3GAGMW20	HMA42GR7AFR4N-TF	
DDR4_LR	17000(2133MHz)	32GB	Register	Micron	ATR3XAGML04	MTA72ASS4G72LZ-2G1A1	
DDR4_LR	17000(2133MHz)	32GB	Register	Samsung	ATR3XAGL500	M386A4G40DM0-CPB	
DDR4_LR	17000(2133MHz)	32GB	Register	SK Hynix	ATR3XAGMW02	HMA84GL7MMR4N-TF	
DDR4	17000(2133MHz)	16GB	Register	Micron	ATR3GAGML18	MTA36ASF2G72PZ-2G1A2	
DDR4	17000(2133MHz)	16GB	Register	Samsung	ATR3GAGM513	M393A2G40DB0-CPB	
DDR4	17000(2133MHz)	16GB	Register	SK Hynix	ATR3GAGMW08	HMA42GR7MFR4N-TF	
DDR4	17000(2133MHz)	8GB	Register	Micron	ATR38AGML26	MTA18ASF1G72PZ-2G1A2	
DDR4	17000(2133MHz)	8GB	Register	Samsung	ATR38AGM534	M393A1G40DB0-CPB	
DDR4	17000(2133MHz)	8GB	Register	SK Hynix	ATR38AGMW34	HMA41GR7MFR4N-TF	
DDR4	17000(2133MHz)	4GB	Register	SK Hynix	ATR34AGMW17	HMA451R7MFR8N-TF	

\*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
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	SASII	6 Gb/s	1.2TB	10 Krpm	Seagate	Ironman	ST1200MM0007	AB1200MM000	1DA200-002	
2.5	SASII	6 Gb/s	900GB	10 Krpm	HGST	Cobra-E	HUC109090CSS600	AB109090000	0B26014	
2.5	SASII	6 Gb/s	900GB	10 Krpm	WD	SL300M	WD9001BKHG	AB9001BK001	WD9001BKHG-02D22V3	
2.5	SASII	6 Gb/s	900GB	10 Krpm	WD	SL300M	WD9001HKHG	AB9001HK000	WD9001HKHG-02VUCV3	
2.5	SASII	6 Gb/s	600GB	10 Krpm	HGST	Cobra-E	HUC109060CSS600	AB109060000	0B26013	
2.5	SASII	6 Gb/s	450GB	10 Krpm	HGST	Cobra-E	HUC109045CSS600	AB109045000	0B26012	
2.5	SASII	6 Gb/s	300GB	10 Krpm	HGST	Cobra-E	HUC109030CSS600	AB109030000	0B26011	
2.5	SATAIII	6 Gb/s	1TB	7.2 Krpm	Seagate	Airwalker	ST91000640NS	AB100064016	9RZ168-003	
2.5	SATAIII	6 Gb/s	500GB	7.2 Krpm	Seagate	Airwalker	ST9500620NS	AB500620013	9RZ164-003	
2.5	SATAIII	6 Gb/s	250GB	7.2 Krpm	Seagate	Airwalker	ST9250610NS	AB250610001	9RZ162-003	

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## Storage Card CCL

Form Factor	Bandwidth	Chip	Port	RAID	Onboard memory	Bus	Gen	Vendor	Model	QuantaPN	BBU SuperCap
HHHL	6Gbps	LSISAS2208	8e	RAID 0,1,5,6,10,50,60	1GB	PCI-EX 8	Gen 3	Broadcom	MegaRAID SAS9286-8E	AD002542022	Ibbu09
HHHL	12Gbps	LSISAS3008	8i	JBOD	NA	PCI-EX 8	Gen 3	Broadcom	LSI SAS9300-8I	ADPC2557000	NA
HHHL	12Gbps	LSISAS3008	8e	JBOD	NA	PCI-EX 8	Gen 3	Broadcom	LSI SAS9300-8E	ADPC2546000	NA
HHHL	12Gbps	LSISAS3108	8e	RAID 0,1,5,6,10,50,60	1GB	PCI-EX 8	Gen 3	Broadcom	MegaRAID SAS9380-8E	AD002552001	NA
Mezz	12Gbps	LSISAS3008	8i	RAID 0,1,1E,10	NA	PCI-EX 8	Gen 3	Quanta	QS-3008-8i-IR	35S2BMA0000	NA

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## LAN Card CCL

Form Factor	Speed	Type	Port	Vendor	Model	Chip	Bus	Gen	QuantaPN	VendorPN	Note
HHHL	10Gb	RJ45	2 port	Intel	X540-T2	Intel X540	PCI-EX 8	Gen 2	ADPC0540000	X540T2G1P5	
HHHL	10Gb	SFP+	2 port	Intel	X520-DA2	Intel 82599ES	PCI-EX 8	Gen 2	ADPC0042000	E10G42BTDAG1P5	
HHHL	10Gb	SFP+	2 port	Intel	X520-SR2	Intel 82599ES	PCI-EX 8	Gen 2	ADPC010G001	E10G42BFSR	
HHHL	10Gb	SFP+	2 port	Qlogic	QLE8242-CU CAN	NA	PCI-EX 8	Gen 2	ADPC8242002	QLE8242-CU CAN	
HHHL	1Gb	RJ45	4 port	Intel	I350-T4v2	Intel I350	PCI-EX 4	Gen 2	ADPC0350001	I350T4G2P20	
OCP Mezz	40Gb	QSFP	1 port	Quanta	ON 40GbE CX3PRO	ConnectX-3 Pro VPI	PCI-EX 8	Gen 3	35S2BMA0020	35S2BMA0020	
OCP Mezz	40Gb	QSFP	1 port	Quanta	ON 40GbE Skyhawk-R	Skyhawk-R	PCI-EX 8	Gen 3	35S2BMA0010	35S2BMA0010	
OCP Mezz	10Gb	RJ45	2 port	Quanta	ON 10GbE X540	Intel X540	PCI-EX 8	Gen 2	37S2SLB0020	37S2SLB0020	
OCP Mezz	10Gb	SFP+	2 port	Quanta	ON 10GbE 57810-QCT	Qlogic 57810	PCI-EX 8	Gen 2	3MS2ZLB0030	3MS2ZLB0030	
OCP Mezz	10Gb	SFP+	2 port	Quanta	ON 10GbE 82599ES-QCT	Intel 82599ES	PCI-EX 8	Gen 2	3JF03MA00D0	3JF03MA00D0	
OCP Mezz	10Gb	SFP+	2 port	Quanta	ON 10GbE CX3	ConnectX-3 EN	PCI-EX 8	Gen 3	3JF03MA0060	3JF03MA0060	
OCP Mezz	10Gb	SFP+	2 port	Quanta	ON 10GbE Skyhawk-R	Skyhawk-R	PCI-EX 8	Gen 3	3MS2BLB0030	3MS2BLB0030	
OCP Mezz	10Gb	SFP+	1 port	Quanta	ON 10GbE	Qlogic 57811	PCI-EX	Gen 2	3MS2ZLB0000	3MS2ZLB0000	

## Marketing summary report

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OCP Mezz	10Gb	SFP+	1 port	Quanta	ON 10GbE 82599EN-QCT	Intel 82599EN	PCI-E X 8	Gen 2	3JF03MA00C0	3JF03MA00C0	
OCP Mezz	1Gb	RJ45	2 port	Quanta	ON 1GbE I350	Intel I350	PCI-E X 8	Gen 2	37S2SLB0010	37S2SLB0010	
HHHL	1Gb	RJ45	4 port	Intel	i350-T4	Intel I350	PCI-E X 4	Gen 2	ADPCI350000	I350T4G1P20	
HHHL	1Gb	RJ45	2 port	Intel	I350-T2	Intel I350	PCI-E X 8	Gen 2	ADPCI350001	I350T2	

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

## Fiber card CCL

Form Factor	Speed	Port	Vendor	Model	Chip	Bus	Gen	QuantaPN	VendorPN	Note
HHHL	16Gb	2	EMULEX	LPE16002	XE201	PCI-E X 8	Gen 3	AD001600001	LPE16002B-M6	
HHHL	8Gb	2	EMULEX	LPE12002	NA	PCI-E X 8	Gen 2	AD001200000	LPE12002-M8	

\*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
2.5 - 7mm	SATAIII	6Gb/s	1.92TB	TLC	VNAND	Samsung	PM863	ABS1T9HC001	MZ7LM1T9HCJM-00005	
2.5 - 7mm	SATAIII	6Gb/s	1.2TB	MLC HET	20nm	Intel	S3610	ABS012T4004	NA	
2.5 - 7mm	SATAIII	6Gb/s	960GB	MLC	20nm	Micron	M500	ABSAK960000	MTFDDAK960MAV-1AE12ABYY	
2.5 - 7mm	SATAIII	6Gb/s	960GB	TLC	VNAND	Samsung	PM863	ABS960HC001	MZ7LM960HCHP-00005	
2.5 - 7mm	SATAIII	6Gb/s	800GB	MLC	20nm	Intel	S3500	ABS00800005	NA	
2.5 - 7mm	SATAIII	6Gb/s	800GB	MLC	20nm	Intel	S3700	ABS00800007	NA	
2.5 - 7mm	SATAIII	6Gb/s	600GB	MLC	20nm	Intel	S3500	ABS00600000	NA	
2.5 - 7mm	SATAIII	6Gb/s	480GB	MLC	20nm	Intel	S3500	ABS00480000	NA	
2.5 - 7mm	SATAIII	6Gb/s	480GB	MLC	20nm	Micron	M500	ABSAK480000	MTFDDAK480MAV-1AE12ABYY	
2.5 - 7mm	SATAIII	6Gb/s	480GB	TLC	VNAND	Samsung	PM863	ABS480HC008	MZ7LM480HCHP-00005	
2.5 - 7mm	SATAIII	6Gb/s	400GB	MLC	20nm	Intel	S3700	ABS0400G000	NA	
2.5 - 7mm	SATAIII	6Gb/s	300GB	MLC	20nm	Intel	S3500	ABS0300G014	NA	
2.5 - 7mm	SATAIII	6Gb/s	240GB	MLC	20nm	Intel	S3500	ABS00240003	NA	
2.5 - 7mm	SATAIII	6Gb/s	240GB	MLC	20nm	Micron	M500	ABSAK240000	MTFDDAK240MAV-1AE12ABYY	
2.5 - 7mm	SATAIII	6Gb/s	240GB	TLC	VNAND	Samsung	PM863	ABS240HC004	MZ7LM240HCGR-00005	
2.5 - 7mm	SATAIII	6Gb/s	200GB	MLC	20nm	Intel	S3700	ABS0200G002	NA	
2.5 - 7mm	SATAIII	6Gb/s	160GB	MLC	20nm	Intel	S3500	ABS00160001	NA	
2.5 - 7mm	SATAIII	6Gb/s	120GB	MLC	19nm	Samsung	SM843Tn	ABS120HC002	MZ7WD120HCFV-00003	
2.5 - 7mm	SATAIII	6Gb/s	120GB	MLC	20nm	Intel	S3500	ABS00120004	NA	
2.5 - 7mm	SATAIII	6Gb/s	120GB	MLC	20nm	Micron	M500	ABS120MA000	MTFDDAK120MAV-1AE12ABYY	
2.5 - 7mm	SATAIII	6Gb/s	120GB	MLC	20nm	Micron	M500DC	ABSAK120000	MTFDDAK120MBB-1AE12ABYY	

## Marketing summary report

2.5 - 7mm	SATAIII	6Gb/s	120GB	TLC	VNAND	Samsung	PM863	ABS120HC007	MZ7LM120HCFD-00005
2.5 - 7mm	SATAIII	6Gb/s	100GB	MLC	20nm	Intel	S3700	ABS0100G002	NA
2.5 - 7mm	SATAIII	6Gb/s	80GB	MLC	20nm	Intel	S3500	ABS0080G031	NA
145004002	SATAI	6Gb/s	800GB	MLC	20nm	Micron	M500DC	ABSAK800000	MTFDDAK800MBB-1AE1ZABYY
145004002	SATAI	6Gb/s	480GB	MLC	19nm	Samsung	SM843Tn	ABS480HC002	MZ7WD480HCGM-000QT
145004002	SATAI	6Gb/s	240GB	MLC	19nm	Samsung	SM843Tn	ABS240HC002	MZ7WD240HCFV-000QT
145004002	SATAIII	6Gb/s	3.84TB	TLC	VNAND	Samsung	PM863	ABS3T8HC000	MZ7LM3T8HCJM-00005
145004002	SATAIII	6Gb/s	512GB	MLC	16nm	Micron	M600	ABSAK512006	MTFDDAK512MBF-1AN12ABYY
145004002	SATAIII	6Gb/s	480GB	MLC	20nm	Micron	M500DC	ABSAK480001	MTFDDAK480MBB-1AE1ZABYY
145004002	SATAIII	6Gb/s	256GB	MLC	16nm	Micron	M600	ABSAK256012	MTFDDAK256MBF-1AN12ABYY
145004002	SATAIII	6Gb/s	240GB	MLC	20nm	Micron	M500DC	ABSAK240001	MTFDDAK240MBB-1AE1ZABYY

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