



Comparison Chart SC1-ALLEGRO vs. SC2-PRESTO

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Feature	SC1-ALLEGRO Rev. 2	SC2-PRESTO
CPU	3 rd Generation Intel® Core™ Ivy Bridge +ECC	4th Generation Intel® Core™ Haswell ECC
PCH	QM77 Panther Point	QM87 Lynx Point
Graphics	Intel® HD Graphics GT2-4000	Intel® HD Graphics GT2- 4600
DisplayPort Front Panel	2 x DP1.1	2 x DP1.2 MST
DisplayPort Mezzanine J-DP	1 x DP1.1	1 x DP1.2 MST
Ethernet Backplane	2 x Intel 82574IT (2008)	2 x Intel I210 (Q4 2012)
Ethernet Front Panel	1 x 82579LM PHY (2010) 1 x Intel 82574IT (2008)	1 x I217LM PHY (Q4 2012) 1 x Intel I210 (Q4 2012)
PCIe Backplane	4 x 1 PE Gen2 Peripheral Slots 1 x 8 PE Gen3 Fat Pipe Slot 1 1 x 8 PE Gen3 Fat Pipe Slot 2	6 x 1 PE Gen2 Peripheral Slots 1 x 8 PE Gen3 Fat Pipe Slot 1 1 x 8 PE Gen3 Fat Pipe Slot 2
PCIe Mezzanine P-PCIE	4 x PE Gen2 (1 x 4)	4 x PE Gen2 (1 x 4)

Feature	SC1-ALLEGRO Rev. 2	SC2-PRESTO
SATA Backplane	7 x SATA 3G 2 x PCH 5 x JMicron Port Multiplier SATA based	7 x SATA 6G 3 x PCH 4 x Marvell RAID Controller PCIe x 2 based
SATA Mezzanine P-HSE	2 x SATA 3G PCH 1 x SATA 6G PCH	3 x SATA 6G PCH
USB Backplane	2 x USB3 4 x USB2	2 x USB3 4 x USB2
USB Front Panel	2 x USB3	2 x USB3
USB Mezzanine P-EXP P-HSE	2 x USB2 (J-EXP) 4 x USB2 (J-HSE)	2 x USB2 (J-EXP) 4 x USB2 (J-HSE)
Trusted Platform Module 2.0	Option with suitable side card	Infineon SLB 9665
Passmark Performance Test 8.0 Windows 8.1/64	Passmark Rating 2241, CPU Rating 7243 SC1-680D (i7-3612QE, 16GB RAM)	Passmark Rating 2686 , CPU Rating 7888 SC2-680D (i7-4700EQ, 16GB RAM)

Links	
SC1-ALLEGRO Home	www.ekf.com/s/sc1/sc1.html
SC2-PRESTO Home	www.ekf.com/s/sc2/sc2.html

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