

KISS

Tech Specs At-a-Glance



KISS 1U PCI 762

KISS 1U SHORT KTQM77*

KISS 1U SHORT KTQM87

CHIPSET	Intel® Q77	Intel® Q77	Intel® Q87
PROCESSOR	i3-3220 i5-3550S i7-3770	i3-3120ME i5-3610ME i7-3610QE	i7-4700EQ i7-4860EQ i5-4400E i3-4100E Celeron 2000E
MEMORY	4 GByte DDR3 8 GByte DDR3 16 GByte DDR3	4 GByte DDR3 8 GByte DDR3 16 GByte DDR3	4 GByte DDR3 8 GByte DDR3 16 GByte DDR3
STANDARD IOS	Front: 4x USB 2.0 Rear: 2x USB, 2x LAN, 1x VGA	Front: 4x USB 2.0 Rear: 6x USB 2.0, 3x GByte LAN 2x Display port, 1 DVI-I Audio	Front: 2x USB 2.0 Rear: 4x USB 3.0, 4x USB 2.0 3x Display Port, 2x GByte LAN Audio
EXPANSION SLOTS	1x PCIe x16 + 1x PCIe x4 (full size) or 2x PCI 32 Bit (full Size) or 1x PCIe x4 + 1x PCI 32 Bit (full size)	1x PCIe x16	1x PCIe x16
PSU	100-240 V AC 400 W	100-240 V AC 270 W	100-240 V AC 270 W
DRIVE OPTIONS	HDD 500 GByte, HDD 1 TByte SSD 60 GByte, SSD 120 GByte DVD	HDD 500 GByte SSD 60 GByte, SSD 120 GByte DVD	HDD 500 GByte, HDD 1 TByte SSD 60 GByte, SSD 120 GByte DVD
CERTIFICATIONS	CE, UL, FCC	CE	CE, CSA, FCC
NON OPERATING	-20 °C to +70 °C	-20 °C to +70 °C	-20 °C to +70 °C
OPERATING	0 °C to +45 °C	0 °C to +45 °C	0 °C to +45 °C
SHOCK	20 g, 11 ms	30 g, 11 ms	30 g, 11 ms
VIBRATION	1 g 10-500 Hz	1 g 10-500 Hz	1 g 5-500 Hz
ALTITUDE	2000 m	2000 m	2000 m

*) only available in EMEA

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Tech Specs At-a-Glance



KISS 2U PCI 762

KISS 2U Short V2 KTQ87

KISS 2U V2 KTQ87

CHIPSET	Intel® Q77	Intel® Q87	Intel® Q87
PROCESSOR	i3-3220 i5-3550S i7-3770	i3-4330 i5-4570S i7-4770S	i3-4330 3.5 GHz i5-4570S i7-4770S
MEMORY	4 GByte DDR3 8 GByte DDR3 16 GByte DDR3	4 GB DDR3 8 GByte DDR3 16 GByte DDR3 32 GByte DDR3	4 GB DDR3 8 GByte DDR3 16 GByte DDR3 32 GByte DDR3
STANDARD IOS	Front: 2x USB 2.0 Rear: 2x GB LAN, 2x USB 3.0, VGA 2x RS232 on extra Slotbracket	Front: 2x USB 2.0 Rear: 2x GB LAN, 4x USB 3.0, 3x 1x RS232, Displayport, HD Audio	Front: 2x USB 2.0 Rear: 2x GB LAN, 4x USB 3.0, 3x DP 1x RS232 , HD Audio
EXPANSION SLOTS	3x PCI 32 Bit, 1x PCIe x16, 1x PCIe x4 or 4x PCIe x4, 1x PCIe x16	2x PCI 32 Bit or 1x PCIe x16 or 1x PCIe x16 + 1x PCIe x4 or 1x PCIe x16 + 1x PCI 32 Bit or 1x PCIe x16 + 1x PCIe x4 + 1x PCIe x1 + 1x PCI 32 Bit (low profile)	1x PCIe x16 (full size) or 2x PCI 32 Bit (full size) or 1x PCIe x16 + 1x PCI 32 Bit (full size) or 1x PCIe x16 + 1x PCIe x4 (full size) or 1x PCIe x16 + 1x PCIe x4 + 1x PCIe x1 + 1x PCI 32 Bit (low profile)
PSU	100-240 V AC 400 W	100-240 V AC 400 W	100-240 V AC 400 W
DRIVE OPTIONS	HDD 500 GB , HDD 1 TB, HDD 2 TB, HDD 4 TB SSD 60 GB, SSD 120 GB DVD, CF	HDD 500 GB, HDD 1 TB, HDD 2 TB SSD 60 GB, SSD 120 GB DVD, CF	HDD 500 GB, HDD 1 TB, HDD 2 TB SSD 60 GB, SSD 120 GB DVD, CF
CERTIFICATIONS	CE, UL, FCC	CE, UL, FCC	CE, UL, FCC
NON OPERATING	-20 °C to +70 °C	-20 °C to +70 °C	-20 °C to +70 °C
OPERATING	0 °C to +50 °C	0 °C to +50 °C	0 °C to +50 °C
SHOCK	15 g, 11 ms	15 g, 11 ms	15 g, 11 ms
VIBRATION	1 g 10-500 Hz	1 g 10-500 Hz	1 g 10-500 Hz
ALTITUDE	2000 m	2000 m	2000 m

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Tech Specs At-a-Glance



KISS Oil & Gas 2U



KISS 4U PCI 762

KISS 4U KTQ87

CHIPSET	Intel® Q77	Intel® Q77	Intel® Q87
PROCESSOR	Intel® 3rd Gen Core™ i Series	i3-3220 i5-3550S i7-3770	i3-4330 i5-4570S i7-4770S
MEMORY	8 GByte DDR3 16 GByte DDR3 32 GByte DDR3	4 GByte DDR3 8 GByte DDR3 16 GByte DDR3	4 GB DDR3 8 GByte DDR3 16 GByte DDR3 32 GByte DDR3
STANDARD IOS	Front: 2x USB 2.0 Rear: 2x Display Port, 1x VGA, 4x USB 3.0, 2x USB 2.0, 3x GB LAN, 4x RS232, HD Audio	Front: 2x USB 2.0 Rear: 2x GB LAN, 2x USB, VGA 2x RS232	Front: 2x USB 2.0 Rear: 2x GB LAN, 4x USB 3.0, 3x Displayport 2x RS232, HD Audio
EXPANSION SLOTS	1 x PCI32 Bit, 1x PCIe x16	1x PCIe x16, 4x PCIe x1, 7x PCI or 1x PCIe x16, 4x PCIe x4, 4x PCIe x1, 3x PCI	1x PCIe x16, 1x PCIe x4, 1x PCIe x1, 1x PCI
PSU	500 W	100-240 V AC 400 W	100-240 V AC 400 W
DRIVE OPTIONS	HDD 500 GB, HDD 1 TB DVD	HDD 500 GB, HDD 1 TB, HDD 2 TB, HDD 4 TB SSD 60 GB, SSD 120 GB DVD, CF	HDD 500 GB, HDD 1 TB, HDD 2 TB, HDD 4 TB SSD 60 GB, SSD 120 GB DVD, CF
CERTIFICATIONS	CE, UL, FCC	CE, UL, FCC	CE, UL, FCC
NON OPERATING	-40 °C to +70 °C	-20 °C to +70 °C	-20 °C to +70 °C
OPERATING	0 °C to +50 °C	0 °C to +50 °C	0 °C to +50 °C
SHOCK	15 g, 11 ms	15 g, 11 ms	15 g, 11 ms
VIBRATION	5 g 10-500 Hz	1 g 10-500 Hz	1 g 10-500 Hz
ALTITUDE	2000 m	2000 m	2000 m