» KISS 4U Q57 «

4U Open Solution

» Long term available
» i3, i5, i7 processors
» Up to 8 GB DDR3
» KISS Stor 1/0/5, KISS DAxxx

KISS 4U Q57

4U Kontron Industrial Silent Server

The KISS system has been designed with flexibility in mind and can accommodate PICMG 1.0, PICMG 1.3, ATX and Dual Xeon/64-bit based motherboards, as well as PCI Express® ATX motherboards, all in a case that can be used as a tower, desktop or 19" rack mounted chassis. The main attraction of KISS servers is their extremely low noise level: they are inaudible against normal conversation. KISS IPC servers are therefore ideal for most noise-sensitive environments, such as hospital operating theaters and computer server rooms. The performance and configuration of KISS servers are based on Kontron's extensive range of CPU boards and backplanes, which allows them to be adapted to meet a very wide range of requirements. Redundant PSUs, RAID Subsystem KISS Stor and Remote Diagnostic Software make KISS family a high reliable and contignous operating industrial Server. Extra accessories adapt KISS to precisely meet your specific requirements.

Technical Information

System	KISS 4U Q57
Product Line	KISS 4U V2
Dimension (H x W x D)	177 x 482 x 472 mm (4U x 19" x 18.58")
Weight	Approx. 15 kg
Interfaces Front	2x USB 2.0
Interfaces of the installed board (rear)	8x USB 2.0, 2x GB LAN,PS/2 M+K, 3x RS232, 1x RS485, 1x VGA, Audio
Controls on the frontside	ATX Switch
External accessible drive bays	3x 5.25", 1x 3.5", 1x SLIM line
Internal drive bays	1x 3.5"
Power supply	100-240 V AC 400 W (80+) optional AC 650 W (80+), AC Redundant 500 W
Expansion slots	1 PCI Express® 2.0 x16 slot; 1 PCI Express® 2.0 x4 slot; 2 PCI Expres®s 2.0 x1 slots; 3 PCI 2.3 33MHz slots
Memory	Up to 16 GB system memory DDR3 1066/1333 MHz
Processor	i3-540 3,06 GHz; i5-660 3,33 GHz; i7-860 2,8 GHz
Temperature	
Non-operating	-20°C to 70°C (-4°F to 158°F)
Operating	0°C to 50°C (32°F to 122°F) 55°C (131°F) at 10% POH per month
Humidity	
Non-operating	10-90% rel. humidity, non condensing
Operating	10-95% rel. humidity, non condensing
Shock	
Non-operating	30g, 11ms
Operating	15g, 11ms
Vibration	
Operating	1g 10-500 Hz
Storage	2g 10-500 Hz
Noise	35 dBA ~40 dBA for redundant PSU
Approvals	CE, designed to meets UL
MTBF	50,000 h
Protection Class	Front: IP 20 optional IP 52
Options	DVD R/W, KISS Stor, KISS DAx, Slide Rails, PCCM

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Datasheet – KISS 4U Q57 #1210201 4WMH
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