

» KISS 4U KTQ45 «



4U Open Solution

- » Long term available
- » Up to Core™ 2 Quad
- » Up to 8 GB DDR3
- » KISS Stor 1/0/5, KISS DAxxx

KISS 4U KTQ45

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 contiguous operating industrial Server. Extra accessories adapt KISS to precisely meet your specific requirements.

Technical Information

System	KISS 4U KTQ45
Product Line	KISS 4U V2
Dimension (H x W x D)	177 mm x 482 mm x 472 mm 4U x 19" x 18,58"
Weight	Approx. 15 kg
Interfaces Front	2 x USB 2.0
Interfaces of the installed board (rear)	8 x USB 2.0 , 2 x GB LAN,PS/2 M+K , 3 x RS232, 1 x RS485 , 1 x VGA, Audio
External accessible drive bays	3 x 5,25", 1 x 3,5", 1 x SLIM line
Internal drive bays	1 x 3.5"
Power supply	400 W AC (80+) optional: 550W AC(80+) or AC redundant
Expansion slots	1 x PCI_e x 16, 1 x PCI_e x 4, 4 x PCI 32 Bit
Memory	Up to 8 GB DDR3
Processor	Core™2 Duo E4300 Core™2 Duo E6400 Core™2 Quad Q9400
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 Quad Core or redundant PSU
Approvals	CE, desigend to meet UL
MTBF	50,000 h
Protection Class	Front: IP 20 optional IP 54
Options	DVD R/W KISS Stor DAxxx slide rails PCCM

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