

» KISS 2U KTQ45/Flex «



2U Open Solution

- » Up to Intel® Core™ Quad
- » AMT ready
- » 2x PCI 32 bit optional 2x PCI express
- » 80+ PSUs

KISS 2U KTQ45/Flex

Kontron Industrial Silent Server

The main attraction of KISS servers is their extremely low noise level, which is inaudible against normal conversation. KISS IPC servers are thus ideal for most noise-sensitive environments such as hospital operating theaters and computers server rooms.

The performance and maximum configuration of KISS servers are based on Kontron's extensive range of CPU

boards and backplanes, which allows KISS systems have been designed for continuous operation and they are to be available for at least the next five years.

In addition to being CE certified, they are also suitable for integration in systems that require UL certification. The specified shock resistance is 15g for 11ms measured along six axes and the MTBF is 50,000 hours.

Technical Information

System	KISS 2U KTQ45/flex
Product Line	KISS 2U
Dimension (H x W x D)	88 mm x 482 mm x 472 mm (2U x 19" x 18.58")
Weight	Approx. 8 kg
Interfaces Front	2 x USB 2.0
Interfaces of the installed board (rear)	2 x LAN 10/100/1000, PS/2 Mouse + Keyboard, 1 x VGA, 2 x COM, 8 x USB, HD Audio
Controls on the frontside	ATX Switch, Reset
External accessible drive bays	1 x 5,25", 1 x 3,5"
Internal drive bays	2 x 3,5"
Power supply	115/230V AC 400 W 80+, optional AC redundant
Expansion slots	2 x PCI 32 Bit, optional 1 x PCI_e x 16 and PCI_e x 4
Memory	Up to 8 GB DDR3
Processor	E8400, Q9400
Temperature	
non-operating	-20°C - +70°C
operating	0°C - +50°C / 0°C - 45°C for QuadCore
Humidity	
non-operating	10-90 %
operating	20-90 %
Shock	
non-operating	30g, 11ms
operating	15g, 11ms
Vibration	
operating	10-500 Hz, 1g
storage	10-500 Hz, 2g
Noise	< 35 dBA
Approvals	CE, designed to meets UL
MTBF	50,000 h
Protection Class	Front IP20
Options	DVD ROM, DVD RW KISS StorSlim

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