

# » KISS 2U KTQ45/Flex Low Profile «



## 2U Open Solution

- » Up to Intel® Core™ Quad
- » AMT ready
- » 4 free expansion slots ( 2x PCI, 1x PCI\_e x 16, 1x PCI\_e x 4)
- » 80+ PSUs

# KISS 2U KTQ45/Flex Low Profile

## 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

<b>System</b>	KISS 2U KTQ45/Flex Low Profile
<b>Product Line</b>	KISS 2U
<b>Dimension (H x W x D)</b>	88 mm x 482 mm x 472 mm (2U x 19" x 18.58")
<b>Weight</b>	Approx. 8 kg
<b>Interfaces Front</b>	2x USB 2.0
<b>Interfaces of the installed board (rear)</b>	2x LAN 10/100/1000, PS/2 Mouse + Keyboard, 1x VGA, 2x COM, 8x USB, HD Audio
<b>Controls on the frontside</b>	ATX Switch, Reset
<b>External accessible drive bays</b>	1x 5,25", 1x 3,5"
<b>Internal drive bays</b>	2x 3,5"
<b>Power supply</b>	115/230V AC 400 W 80+, optional AC redundant
<b>Expansion slots</b>	2x PCI 32 Bit, 1x PCI_e x16 and 1x PCI_e x4
<b>Memory</b>	Up to 8 GB DDR3
<b>Processor</b>	E8400, Q9400
<b>Temperature</b>	
non-operating	-20°C - +70°C
operating	0°C - +50°C / 0°C - 45°C for QuadCore
<b>Humidity</b>	
non-operating	10-90 %
operating	20-90 %
<b>Shock</b>	
non-operating	30g, 11ms
operating	15g, 11ms
<b>Vibration</b>	
operating	10-500 Hz, 1g
storage	10-500 Hz, 2g
<b>Noise</b>	< 35 dBA
<b>Approvals</b>	CE, designed to meets UL
<b>MTBF</b>	50,000 h
<b>Protection Class</b>	Front IP20
<b>Options</b>	DVD ROM, DVD RW KISS StorSlim

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