» KISS 2U Short V2 KTQ67 «

2U Open Solution

» Noise < 35 dBa
» Shock protected Drive bays
» Intel® i3, i5, i7 2nd Generation
» RAID Subsystem KISS-Stor Slim

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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-sensetive 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.
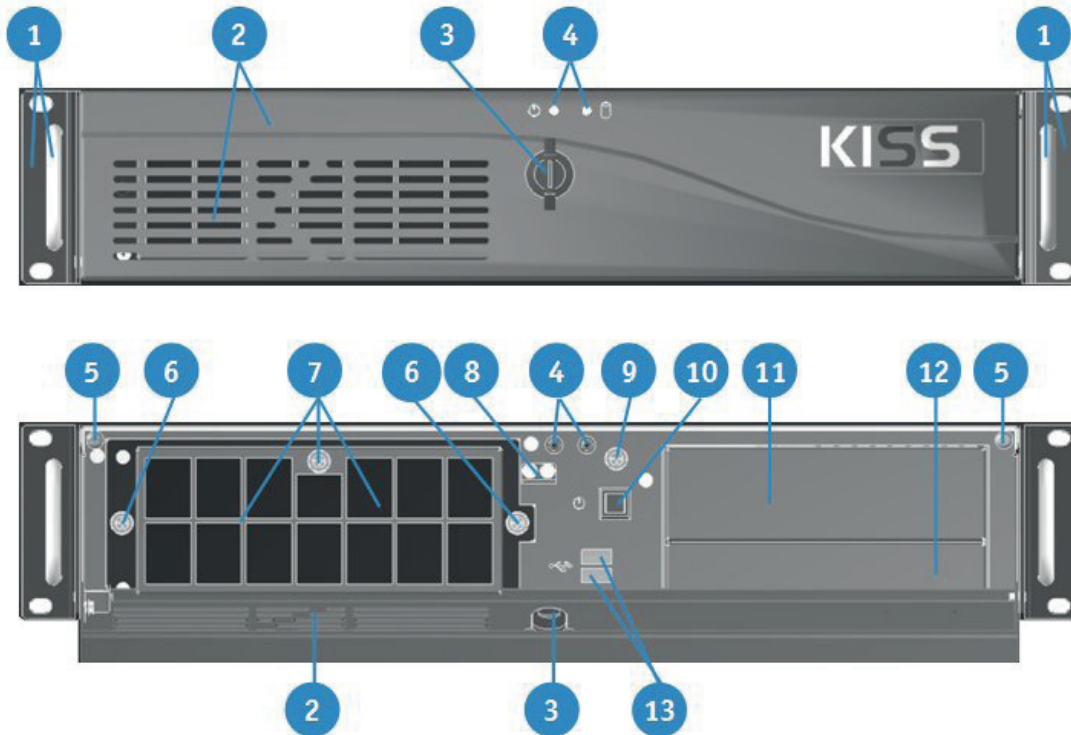
In addition to being CE certified, they are also suitable for integration in systems that require UL certification. The specified shock resistance is 15g for 11ms measured along six axes and the MTBF is 50,000 hours.
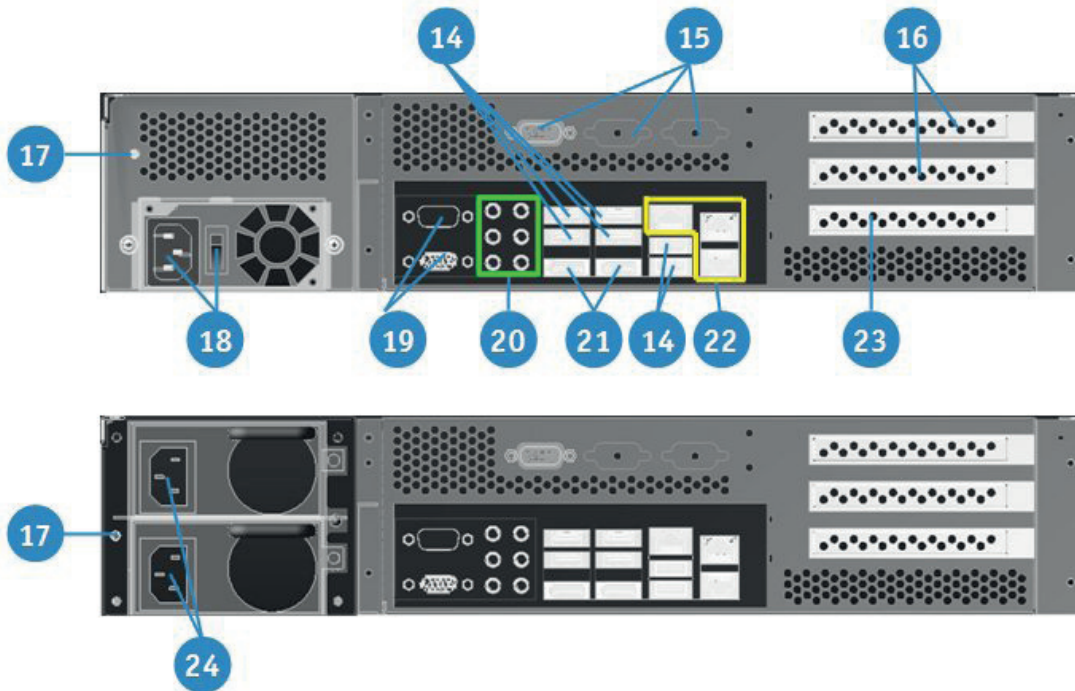
Technical Information	
System	KISS 2U Short V2 KTQ67
Product Line	KISS 2U Short V2
Dimension (H x W x D)	88 x 482 x 350 mm (2U x 19" x 13.78")
Weight	Approx. 8 kg
Front I/O	2x USB 2.0
Rear I/O	3x LAN 10/100/1000, 2x Displayport, 1x VGA, 2x COM, 6x USB, HD Audio
Controls on the frontside	Power button
Accessible drive bays	1x 5.25", 1x 3.5"
Internal drive bays	1x 3.5"
Power supply	AC 400 W 80+, optional: AC Redundant, DC 24 V, DC 48 V
Expansion slots	2x PCI 32 Bit or PCIe
CPU Board	KTQ67/Flex
Chipset	Q67
Memory	Up to 16 GB DDR 3
Processor	i3-2120, i5-2400, i7-2600
Cooling	Two hot swap chassis fans, air filter
Temperature	
non-operating	-20°C - + 70°C (-4°F - 154°F)
operating	0°C - + 50°C (32°F - 122°F)
Humidity	
Operating/non operating	10-95 % rel humidity at 40 C° non condensing
Shock	
operating	15g, 11ms
Vibration	
operating	10-500 Hz, 1g
Noise	< 35 dBA
Approvals	CE, designed to meets UL
Protection Class	IP 20 optional IP 52
Options	DVD RW, KISS DA135, KISS DA425, KISS StorSlim, PCCM

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1	19" handle bracket
2	Air grille on the front access panel
3	Securing lock mechanism
4	HDD and Power LED indicators
5	Buffer for the front access panel
6	Fan slide-in module with knurled screws
7	Filter mat and filter mat holder with knurled screws
8	Slot for the locking mechanism
9	Cover fastening screw on the front side
10	Power button
11	D1: 5.25" drive bay
12	D2: front accessible 5.25" slim or internal 3.5" drive bay
13	2x USB 2.0 interfaces at the front side

14	6x USB 2.0 interfaces
15	Cut-outs for interfaces (1x COM2 installed) routed to the rear panel
16	Free expansion card slots
17	Grounding stud
18	AC PSU with "On/Off" switch and AC input connector
19	Serial interface (COM1) and VGA interface
20	Audio (6.1)
21	2x Display Port (DP)
22	3x LAN interfaces (RJ45)
23	Mechanical slot
24	Optional: redundant PSU