

» KISS 2U Short V2 KTQ67/Low Profile «



2U Open Solution

- » Up to Intel® i7 2nd Gen
- » ATM ready
- » Hot swap chassis fans
- » 80+ PSUs

KISS 2U Short V2 KTQ67 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

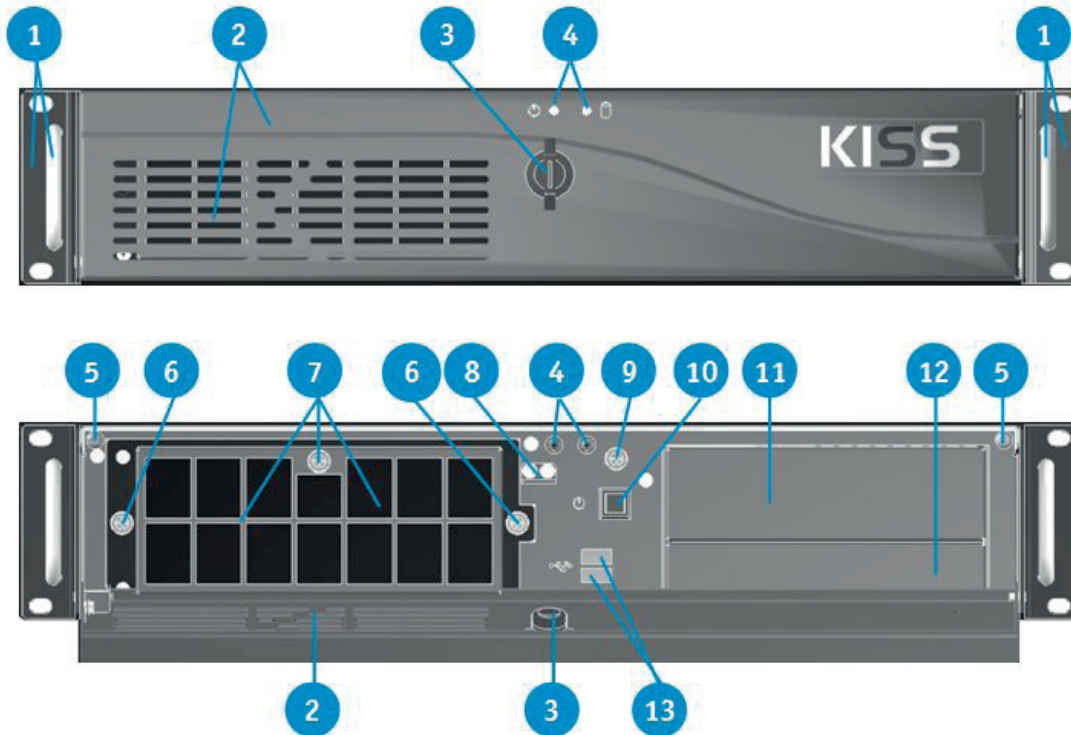
allows KISS systems have been designed for continuous operation and they are to be available for at least the next five years.

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.

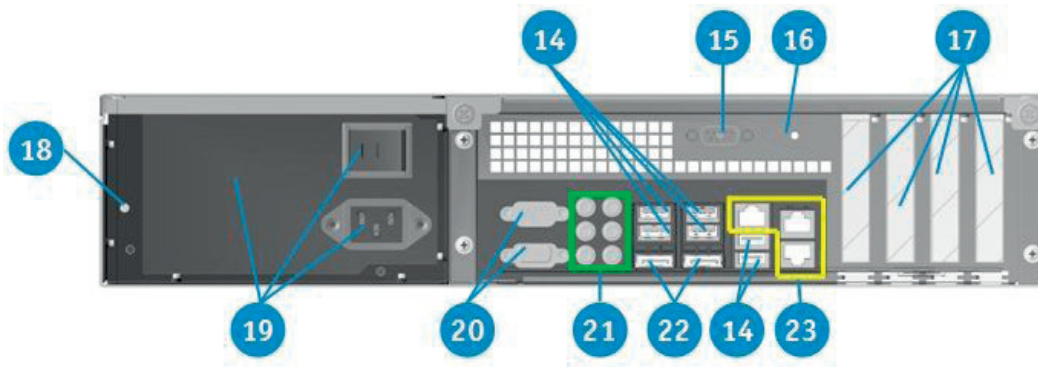
Technical Information

System	KISS 2U Short V2 KTQ67 Low Profile
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	8 kg
Installed Board	KTQ67/Flex
Interfaces (front)	2x USB 2.0
Interfaces (rear)	6x USB, 3x Gbit LAN, 2x RS232, 1x VGA, 2x DisplayPort, HD Audio
Controls on the frontside	Power button
Accessible drive bays	1x 5.25", 1x Slim Line
Internal drive bays	1x 3.5"
Power supply	AC 400 W 80+, optional: DC 24 V, DC 48 V
Expansion slots	1x PCIe x16, 1x PCIe x4, 2x PCI
Memory	Up to 32 GB DDR 3
Processor	2nd Generation Intel® i7-, i5, -i3
Cooling	Two hot swap chassis fans, air filter
Temperature	
Non-operating	-20°C to + 70°C (-4°F - 158°F)
Operating	0°C to + 50°C (55°C at 10% POH per month)
Humidity	
Non-operating	10-95 % rel humidity at 40 C° non condensing
Shock	
Non-operating	30g, 11ms
Operating	15g, 11ms
Vibration	
Operating	10-500 Hz, 1g
Non-operating	10-500 Hz, 2g
Noise	< 35 dBA
Approvals	CE, designed to meets UL
MTBF	50,000 h
Protection Class	Front: IP 20 optional IP 52
Options	DVD RW, KISS Stor 1, KISS Stor 0/5

KISS 2U Short V2 KTQ67 Low Profile Kontron Industrial Silent Server



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 at the rear side
15	Serial interface COM2 (RS232)
16	Cut-out (9-pin D-SUB type) for optional (customer-specific) interface routed to the rear panel
17	Free expansion card slots
18	Grounding stud
19	AC PSU with "On/Off" switch and AC input connector
20	Serial interface (COM1) and VGA interface
21	Audio (6.1)
22	2x Display Port (DP)
23	3x Gbit LAN interfaces (RJ45)
23	Mechanical slot
24	Optional: redundant PSU

CORPORATE OFFICES

Europe, Middle East & Africa

Lise-Meitner-Str. 3-5
86156 Augsburg
Germany

Tel.: +49 (0) 821 4086-0
Fax: +49 (0) 821 4086 111
sales@kontron.com

North America

14118 Stowe Drive
Poway, CA 92064-7147
USA

Tel.: +1 888 294 4558
Fax: +1 858 677 0898
info@us.kontron.com

Asia Pacific

17 Building, Block #1, ABP.
188 Southern West 4th Ring Road
Beijing 100070, P.R.China

Tel.: +86 10 63751188
Fax: +86 10 83682438
info@kontron.cn