

# » KISS 4U V2 KTQ67 «



## 4U Open Solution

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

## KISS 4U SV2 KTQ67

### 4U 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 15 g for 11 ms measured along six axes and the MTBF is 50,000 hours.

| Technical Information                           |  |
|---|--|
| <b>System</b>                                   | KISS 4U V2 KTQ67   |
| <b>Product Line</b>                             | KISS 4U V2   |
| <b>Dimension (H x W x D)</b>                    | 177 x 482 x 472 mm (4U x 19" x 18.58")                               |
| <b>Weight</b>                                   | Approx. 15kg   |
| <b>Interfaces Front</b>                         | 2x USB 2.0   |
| <b>Interfaces of the installed board (rear)</b> | 3x LAN 10/100/1000, 2x Displayport, 1x VGA, 2x COM, 6x USB, HD Audio |
| <b>Controls on frontside</b>                    | Power button   |
| <b>External accessible drive bays</b>           | 3x 5,25", 1x 3,5"  |
| <b>Internal drive bays</b>                      | 1x 3.5"  |
| <b>Power supply</b>                             | AC 400 W 80+, optional: AC Redundant, DC 24 V, DC 48 V               |
| <b>Expansion slots</b>                          | 5x PCI 32bits/33MHz, 1x PCIe x4 (In x16 connector), 1x PCIe x16      |
| <b>CPU Board</b>                                | KTQ67ATXE  |
| <b>Chipset</b>                                  | Q67  |
| <b>Memory</b>                                   | Up to 16 GB DDR 3  |
| <b>Processor</b>                                | i3-2120, i5-2400, i7-2600  |
| <b>Cooling</b>                                  | Two hot swap chassis fans, air filter                                |
| <b>Temperature</b>                              |  |
| Non-operating                                   | -20°C to + 70°C (-4°F - 154°F)                                       |
| Operating                                       | 0°C to + 50°C (32°F - 122°F)   |
| <b>Humidity</b>                                 |  |
| Operating/non operating                         | 10-95 % rel humidity at 40 C° non condensing                         |
| <b>Shock</b>                                    |  |
| Operating                                       | 15g, 11ms  |
| <b>Vibration</b>                                |  |
| Operating                                       | 10-500 Hz, 1g  |
| <b>Noise</b>                                    | < 35 dBA   |
| <b>Approvals</b>                                | CE, designed to meets UL   |
| <b>Protection Class</b>                         | IP 20 optional IP 52   |
| <b>Options</b>                                  | DVD RW, KISS DA135, KISS DA425, KISS StorSlim, PCCM                  |

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