KISS 4U V3 SKX

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High performance Rackmount Server for challenging or noise sensitive environments

▶ Industrial grade for challenging environments – robust, reliable and sustainable
▶ High processing capability: with 2x Intel® Xeon® SP series
▶ Modular concept allows easy customization
▶ Low noise design

POSSIBILITIES START HERE

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KISS 4U V3 SKX

Kontron's KISS rackmount servers are designed and tested for challenging environments, and are therefore the perfect fit for high temperature and mechanical stress conditions. Industrial grade design, in combination with high processing performance allows industrial applications requiring high performance and storage capabilities, e.g. high-end image processing and SCADA/MES applications. The new KISS servers are ideally suited even for complex computing tasks such as 'Artificial Intelligence' (AI) and machine learning based on processing and analytics of a huge amount of data.

Efficient thermal concepts, maintenance-free and customizable designs, high performance computing and graphics power enable 24/7 operation and long-term deployment. A high degree of customization is facilitated through features like removable drives and various expansion capabilities.

▶ TECHNICAL INFORMATION

SYSTEM	KISS 4U V3 SKX
DIMENSION	177 x 482 x 472 mm (4U x 19" x 18.58")
WEIGHT	Approx. 22 kg
PROCESSOR	2 x Intel® Xeon® SP series
RAM	12x DIMM DDR4-2400 up to 712 GByte ECC support
CHIPSET	C621
FRONT I/OS	2x USB 2.0, optional 2x USB 3.0
REAR I/OS	2x USB 3.1Gen 2 (1x Type-C™ and 1x Type-A), 4x USB 3.1 Gen 1 ports, 2x USB 2.0 ports (1x USB port supports USB BIOS Flashback), 1x USB BIOS Flashback button, 1x PS/2 KB/M, 2x RJ45 LAN, 1x Optical S/PDIF out port, 8-channel Audio VGA port with Bracket Aspeed (AST2500, blocks on slot)
DRIVE OPTIONS	2x 5.25" SATA drive bays 1x 2.5"/3.5" SATA drive internal 1x M.2 socket 3 supporting up to Type 22110 PCI_e Gen 3 and 4 and SATA mode 4x U.2 connectors RAID support
POWER SUPPLY	100-240 V AC 850 W (80+)
EXPANSION SLOTS	3 x PCI_e 3.0 x16 (x16 link) 2 x PCIe 3.0 x16 (single at x16, dual at x8/x8) 2 x PCIe 3.0 x16 (x8 link)
EXPANSION CARDS	NVIDIA Quadro P620, NVIDIA GV100, 2x GB LAN, 2x 10 GByte LAN, others on request
CERTIFICATIONS	CE, FCC, NRTL (UL 62368-1), CB (IEC 62368-1)
ALTITUDE	5000 m operating
SHOCK* **ACCORDING TO EN 60068-2-27**	Operating: 15 G 11 ms duration Non-operating: 30 G 11 ms duration
VIBRATION **ACCORDING TO EN 60068-2-6**	Operating: 10-150 Hz: 1G/3 axis Non-operating: 10-150 Hz: 2G/3 axis
OPERATING TEMPERATURE	0 °C to +45 °C continuous operation
STORAGE TEMPERATURE	-20 °C to +70 °C
HUMIDITY	10 % to 93 % @40 °C, non-condensing
MTBF	> 50.000 h
VERIFIED OS	Windows 10 64 Bit LTSC others on request

*) no HDD

▶ Global Headquarters

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