

KISS 4U V3 PCI763



Scalable Rackmount System for challenging or noise sensitive environments

- ▶ Industrial grade for challenging environments – robust, reliable and sustainable
- ▶ High processing capability
- ▶ Modular concept allows easy customization
- ▶ Low noise design (≤ 35 dbA)

POSSIBILITIES START HERE

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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 rackmount 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 options.

► TECHNICAL INFORMATION

SYSTEM	KISS 4U V3 PCI763
DIMENSION	177 x 482 x 472 mm (4U x 19" x 18.58")
WEIGHT	Approx. 18 kg
PROCESSOR	7th Gen Intel® Core™ i7/i5/i3 series
RAM	2x DIMM DDR4-2400 up to 32 GByte ECC support
FRONT I/OS	2x USB 2.0
REAR I/OS	2x USB 3.0, 2x GB LAN, 1x DVI-I 2x RS232 on Slotbracket
DRIVE OPTIONS	3x 5.25" SATA drive bays 1x 2.5"/3.5" SATA drive internal RAID support
POWER SUPPLY	100-240 V AC 600 W (80+)
EXPANSION SLOTS	12 Slots (Full High): 5x PCIe (Gen 2), 7x PCI 32 bit
EXPANSION CARDS	NVIDIA Quadro P620, 2x GByte 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 +50 °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 Linux Ubuntu 18.04 others on request

*) no HDD

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