ZINC19 2U C236

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SCALABLE RACKMOUNT SYSTEM FOR CHALLENGING AND NOISE SENSITIVE ENVIRONMENTS

▶ Industrial grade for challenging environments – robust, reliable and sustainable
▶ High processing capability: up to 7th Gen Intel® Core™ i3/i5/i7 or XEON® E3
▶ Modular concept allows easy customization
▶ Low noise design

kontron

AN S&T COMPANY

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Kontron's ZINC Systems are designed for demanding conditions and sophisticated industrial applications handling big amounts of data and to satisfy high requirements in computing and GPU power. The ZINC portfolio is available with Intel® Core™ i3/i5/i7 or XEON® E3 processors and up to 64 GByte DDR4 RAM. A high degree of customization is facilitated through features like removable drives, various expansion cards and the availability of heights 2U as well as 4U.

Superior reliability, scalability, extended operational performance and tool-free maintenance contribute towards maximization of ROI while at the same time minimizing service and maintenance costs.

▶ TECHNICAL INFORMATION

SYSTEM	ZINC19 2U C236
DIMENSION	88 x 482 x 472 mm (2U x 19" x 18,58")
WEIGHT	Approx. 8 kg
PROCESSOR	7th Gen Intel® Core™ or XEON® E3-1200 v6 series: E3-1275 v6, i3-7101TE, i5-7500T, i7-7700 6th Gen Intel® Core™ or XEON® E3-1200 v5 series: E3-1225 v5, E3-1275 v5, i3-6100TE, i5-6500TE, i7-6700
RAM	DDR4 2133 SDRAM (UDIMM) ECC (XEON® & i3 only) / Non-ECC 16/32/64 GByte
FRONT I/OS	2x USB 2.0
REAR I/OS	4x USB 3.0, 2x USB 2.0, 1x LAN, 1x RS232, Audio, 1x DVI-D, 2x DP
INTERNAL DRIVES*	2.5" SATA SSD/HDD (128 GByte/256 GByte/512 GByte/1 TByte), 3.5" SATA HDD (2 TByte/4 TByte/6 TByte)
REMOVABLE DRIVES*	DVD R/W 2x 2.5" HDD removable (1 TByte) 2x 2.5" SSD removable (256 GByte/512 GByte) 4x 2.5" HDD removable (1 TByte) 4x 2.5" SSD removable (512 GByte) 1x 3.5" HDD removable (2 TByte/4 TByte/6 TByte)
POWER SUPPLY	100-240 V AC (80+)
EXPANSION SLOTS	1x PCIe x16 (16 Lanes, Gen 3), 1x PCIe x16 (4 Lanes, Gen 3), 2x PCIe x1 (1 Lane Gen 3); M.2 2280
EXPANSION CARDS*	GPUs: Nvidia NVS 310, AMD FirePro W7100, Nvidia Quadro M4000 SSCs: PCIe SSDs up to 1.2 TByte ETH (RJ-45): 2x 1Gbit/s, 4x 1Gbit/s, 2x 10Gbit/s Profibus: cifX 70E-DP
CERTIFICATIONS	CE, designed for UL
ALTITUDE	3.000 m
SHOCK**, ACCORDING TO EN 60068-2-27	Operating: 15 G 11 ms duration
VIBRATION**, ACCORDING TO EN 60068-2-6	Operating: 10-150 Hz: 1G/3 axis
OPERATING TEMPERATURE	0 °C to +50 °C
STORAGE TEMPERATURE	-20 °C to +70 °C
HUMIDITY	10 % to 93 % @ 40 °C, non-condensing
NOISE LEVEL	typ. <31 dB(A)
MTBF	50.000 h*
SECURITY	Kontron APPROTECT
VERIFIED OS	Windows 7 (6th Gen Intel® Core™ or XEON® E3-1200 v5 series), Windows 10, Linux

*) depending on configuration
**) no HDD

▶ GLOBAL HEADQUARTERS

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