

KWS 3000-CML



Workstation for challenging and powerful applications

- ▶ Powerful workstation for machine learning, AI workflows and graphics-hungry applications
- ▶ Industrial-grade: shock/vibration resistant, 24/7, long-term availability
- ▶ Free selectable graphics cards and GPUs
- ▶ Scalable processor performance, easy customization
- ▶ Compact size: 380 x 190 x 380 mm (H x W x D)

POSSIBILITIES START HERE

KWS 3000-CML

Kontron's KWS 3000-CML is optimized for applications that require high computing power and graphics capability while tolerating no compromise in reliability, long-term availability and flexibility. Applications such as machine learning or AI workflows with performance-hungry processes and large amounts of data are handled effortlessly thanks to 10th Gen Intel® processors and powerful GPUs and graphics cards, which can be freely selected as add-on cards. The KWS 3000-CML offers best performance and

scalability in a compact Midi Tower case, combined with outstanding features regarding memory, drive configurations and power supply options.

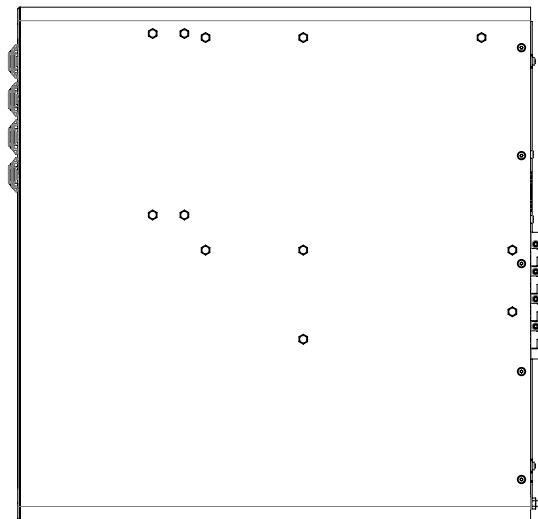
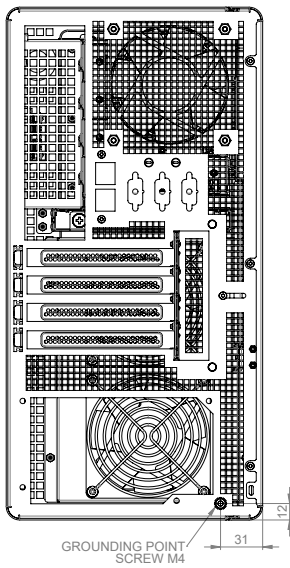
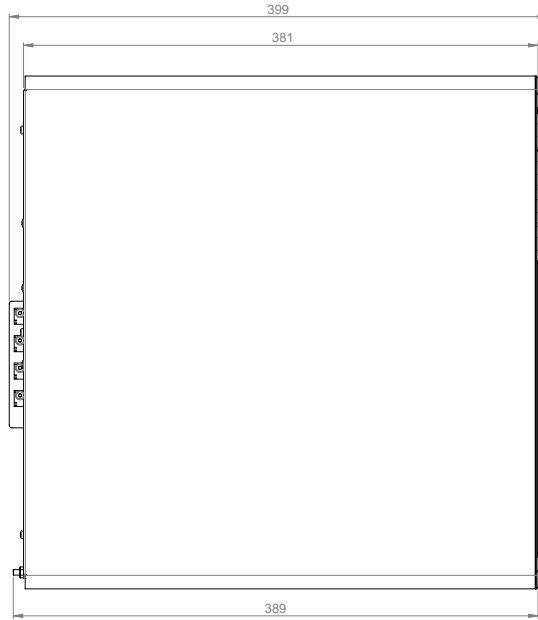
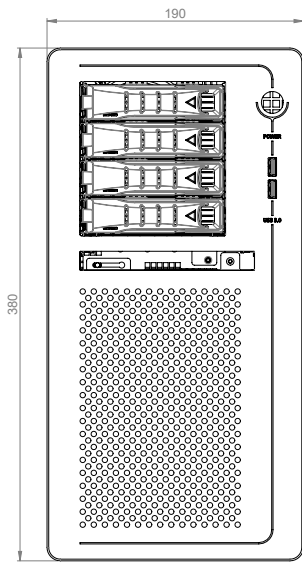
Efficient thermal cooling and customizable design enable 24/7 operation at 45 °C.

KWS 3000-CML can be adapted easily to your applications and demands.

▶ TECHNICAL INFORMATION

SYSTEM	KWS 3000-CML
DIMENSION (W x H x D)	190 x 380 x 380 mm (7.48" x 14.96" x 14.96")
WEIGHT	Approx. 14 kg
PROCESSOR	10th Gen Intel® Core™ i9/i7/i5/i3 series
CHIPSET	Q470E
RAM	4x DIMM DDR4-3200 MHz up to 128 GByte
TPM	TPM 2.0 on board
FRONT I/O	2x USB 3.0
REAR I/O	1x 1 Gigabit LAN, 1x 2.5 Gigabit LAN, 4x USB 3.2, 2x USB 2.0, 1x HDMI 2.0a 1x DP1.2, 1x VGA, 2x COM RS232/422/485, Line-in, Line-out, MIC-in, 1x PS2
DRIVE OPTIONS	up to 4 x 3.5" SATA drive bays hot swap or internal, optional 1x SLIM DVD RAID support 0/1/5/10
M.2	1x M.2 (Key E, 2230) with PCIe x1, USB 2.0 and CNVi for Wireless 1x M.2 (Key B, 3042/3052) with PCIe x1/USB 3.0/USB2.0 and SIM for 4G/5G
POWER SUPPLY	100-240 V AC 400 W/750 W, 100-240 V AC redundant 700 W
EXPANSION SLOTS	2 x PCIe Gen3 Slots (PCIe1/PCIe2: single at x16 (PCIe1); dual at x8 (PCIe1)/x8 (PCIe3)) 2 x PCIe x4 (Gen 3)
EXPANSION CARDS	NVIDIA RTX 30xx, 2/4 x GByte LAN, 2x 10 GByte LAN, RAID Controller, 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: 10 G 11 ms duration Non-operating: 20 G 11 ms duration
VIBRATION ACCORDING TO EN 60068-2-6	Operating: 10-150 Hz: 0.5G/3 axis Non-operating: 10-150 Hz: 1G/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
*) no HDD	

▶ OUTLINE DRAWING



▶ GLOBAL HEADQUARTERS

Kontron Europe GmbH

Gutenbergstraße 2
85737 Ismaning, Germany
Tel.: +49 821 4086-0
Fax: +49 821 4086-111
info@kontron.com

www.kontron.com