



RM-2000-CML

2U shallow depth industrial rack-mount computer with support for 10th gen Intel Core i3/i5/i7/i9 CPUs (up to 10 cores), up to 7 expansion slots, and single, redundant or DC power input.

Features Include:

- 7 x low profile or 2 x full height expansion slots.
- Dual slot graphics card support.
- Redundant and 24VDC PSU options.
- Only 400mm deep.
- 5+ year availability.
- Branding and customisation options.

System Overview:

The **RM-2000-CML** is possibly the shallowest 2U computer available that supports both redundant power and full length, dual slot graphics cards.

With support for the latest Intel 10th Gen Core series CPUs (up to Core i9 10 core), 128GB RAM, 2.5 Gigabit Ethernet and PCIe gen 3, the RM-2000-CML packs a lot of functionality into a compact and customisable enclosure.

By using industrial components throughout, the **RM-2000-CML** is designed to operate 24/7 in harsh environments and mission-critical applications.

Specifications

CPU Options	10th gen Intel Core i3/i5/i7/i9 LGA1200 processors. Core i3 10100TE or 10100E quad core CPUs. Core i5 10500TE or 10500E six core CPUs. Core i7 10700TE or 10700E eight core CPUs. Core i9 10900TE or 10900E ten core CPUs. Others available on request.
Chipset	<u>Intel® Q470E</u> (Standard). <u>Intel® W480E</u> (By request).
Memory	Up to 128GB DDR4 supported. 2933MHz (i7/i9) or 2666MHz (i5/i3).
Expansion	2 x Full height or 7 x low profile slots (Slots to be defined during configuration). Full height slots* 1 x PCle x4 and 1 x PCle x16 (Dual width slot, if PCle x4 is not used). or 2 x PCle x8. Low profile slots* 3 x PCle Gen3 Slots configured as either: 1 x PCle x16 only or 2 x PCle x8 only or 1 x PCle x8 and 2x PCle x4 only. Plus 2 x PCle x4 (Gen3). 2 x PCl. *to be defined at quotation stage
	Mini slots 1 x M.2 (Key E, 2230) with PCle x1, USB 2.0 and CNVi for Wireless. 1 x M.2 (Key B, 3042/3052) with PCle x1/USB 3.0/USB2.0 and SIM for 4G/5G. 1 x SIM socket connected to M.2 key B.
Storage	$2\times2.5''$ SATA SSD/HDD drive bays. $1\times M.2 \mbox{ (Key M, } 2242/2260/2280) \mbox{ with SATA3 and PCle x4 for SSD.} \label{eq:continuous}$ Optional $2\times \mbox{ removable } 2.5'' \mbox{ drives.}$
O/S Support	Windows 10. Windows Server 2019.

I/O Ports	Rear 1 x HDMI 2.0a (Max 4096x2160@60Hz). 1 x DisplayPort 1.2 (Max 4096x2160@60Hz, DP++). 1 x VGA (Max 1920x1200@60Hz). 2 x RJ45 (1 x GbE I219LM, and 1 x 2.5GbE I225LM). 4 x USB 3.2 (Gen 2). 2 x USB 2.0. 2 x RS232/422/485. 1 x PS/2. 3 x Audio (Line-In, Line-Out, Mic-In).
	2 x USB 2.0.
Power Supply	Standard Single PSU (700W / full range AC input). Optional Dual redundant PSU (700W / full range AC input). Optional 24VDC input PSU (Up to 750W / 18 to 36VDC input).
Dimensions (D x H x W)	400mm x 88.1mm x 427mm (479mm inc. rack-mount ears). Compatible with Accuride DZ2907 telescopic slides.
Other Features	TPM 2.0. Watchdog timer. iAMT/vPro (Suitable CPU required) . Triple independent display support.
Operating Temperature	-5°C to 40°C. Wide temperature options by request.
Certification	CE.

Ordering Information

2U industrial computer with 10th gen Intel Core i3/i5/i7/i9 CPU, up to 7 slots, and single, redundant or DC power input.

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RM-2000-CML

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Technical specifications are subject to change without notice. E & OE Issue A.

RM-2000-CML With Single PSU & Full Height Expansion Slots*

Linux.



RM-2000-CML With Single PSU & Half Height Expansion Slots*



RM-2000-CML With DC Input & Full Height Expansion Slots*

Rear Options



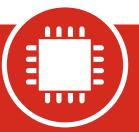
RM-2000-CML With DC Input & Half Height Expansion Slots*



RM-2000-CML Redundant PSU & Half Height Expansion Slots*



RM-2000-CML With Redundant PSU & Full Height Expansion Slots*



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^{*}Shown with optional 2x 10GbE ports.