



# 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

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

<b>I/O Ports</b>	<b>Rear</b> 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).  <b>Front</b> 2 x USB 2.0.
<b>Power Supply</b>	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).
<b>Dimensions (D x H x W)</b>	400mm x 88.1mm x 427mm (479mm inc. rack-mount ears). Compatible with Accuride DZ2907 telescopic slides.
<b>Other Features</b>	TPM 2.0. Watchdog timer. iAMT/vPro (Suitable CPU required) . Triple independent display support.
<b>Operating Temperature</b>	-5°C to 40°C. Wide temperature options by request.
<b>Certification</b>	CE.

## Ordering Information

RM-2000-CML

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



RM-2000-CML\_Datasheet\_10\_2020.pdf

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

## Rear Options



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



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



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



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



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



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

\*Shown with optional 2x 10GbE ports.

