

CALMO R4

The versatile industrial Rack-PC



4HE



Rackmount

6x Fullsize PCIe

Dustfilter

Specifications

OS	<ul style="list-style-type: none"> • Windows 10/11 Pro / IoT • Linux 64-bit capable
CPU	Intel® Core™ i3/i5/i7 12 th to 14 th Generation Intel® Core™ Series 2 (Bartlett Lake-S)
RAM	4x DDR5 PC4800, max. 128 GB
Storage	2x M.2 M-Key 2280 NVMe 4x 3,5"HDD or 4x 2,5" SSD
Graphics	Intel® UHD 770
Display Interfaces	4x DisplayPort 1.4a (7680x 4320 bei 60Hz)
Audio	Tempo 92HD91B – 5.1 HD Audio
LAN	1x RJ45 @ 10/100/1000 Mbit/s (Intel® i219LM) 2x RJ45 @ 10/100/1000/2500 Mbit/s (Intel® i226LM *) <small>* Updated LAN controller i225LM to i226LM</small>
Power supply	AC-Input: 230V AC
Interfaces	
Front	<ul style="list-style-type: none"> • 2x USB 3.0
Rear	<ul style="list-style-type: none"> • 2x USB 3.2 Gen 2 1x USB Typ-C 3.2 Gen 2 • 4x USB 3.2 Gen 1 • 4x DisplayPort • 3x LAN Audio • 1x RS-232 AC-in
Internal	<ul style="list-style-type: none"> • 6x PCIe (x16 x16 x8 x8 x1 x1), 1x PCI 32-bit • 1x M.2 E-Key 2230 • 3x RS-232 8-bit GPIO

Additional data

Dimensions	430 x 178 x 445 mm
Weight	approx. 12 kg
IP-Protection	IP20
Temperature	-10 °C to 50 °C Cold start at -40°C tested several times, permanently stable at -10°C
Special features	<ul style="list-style-type: none"> • Always-On • Wake-on-LAN • PXE-Boot • TPM 2.0 • Watchdog • System Guard • Recovery-BIOS • OnBoard RAID 0 1 5 10
Optional extensions	<ul style="list-style-type: none"> • 2x RS-232 additionally • Redundant power supply
Warranty	2 Years Bring-In (optional up to 5 Years)
Image stability	Available until 2030

For further information we invite you to visit:
www.calmo-pc.de

