

# CALMO UNI Ryzen

IPC with variety of interfaces and professional graphics



Optimized for  
switch cabinets



PCIe x4



Available until  
2028



## Specifications

<b>OS</b>	<ul style="list-style-type: none"> <li>• Windows 10 Pro / IoT</li> <li>• Linux 64-bit runnable</li> </ul>
<b>CPU</b>	AMD Ryzen Embedded <ul style="list-style-type: none"> <li>• R2312 (2x 3,5 GHz, 3x DP)</li> <li>• R2314 (4x 3,5 GHz, 4x DP)</li> <li>• R2514 (4x 3,7 GHz, 4x DP)</li> <li>• R2544 (4x 3,7 GHz, 4x DP)</li> </ul>
<b>RAM</b>	2x SO-DIMM DDR4, max.32 GB, optional ECC
<b>Storage</b>	1x M.2 M-Key 2242/2280 NVMe 1x M.2 B-Key 2242/2280 NVMe /SATA 1x 2,5" SSD/HDD
<b>Graphics</b>	Radeon™ Vega
<b>Display Interfaces</b>	3-4x DisplayPort 1.4 (3840 x 2160 @ 60Hz)
<b>Audio</b>	Realtek ALC256 – 5.1 HD Audio
<b>LAN</b>	2x RJ45 @ 10/100/1000 Mbit/s (Intel® i210 + Realtek RTL8111H)
<b>Power supply</b>	DC-Input: 8-34V

## Interfaces

<b>Front</b>	<ul style="list-style-type: none"> <li>• 2x USB 3.1</li> </ul>
<b>Rear</b>	<ul style="list-style-type: none"> <li>• 2x USB 3.1 Gen 2   2x USB 3.1 Gen 1</li> <li>• 4x DisplayPort</li> <li>• 2x LAN</li> <li>• 1x RS-232/485/422   1x RS-232</li> <li>• Audio</li> </ul>
<b>Internal</b>	<ul style="list-style-type: none"> <li>• 1x PCIe x4</li> <li>• 1x miniPCIe (halfsize/fullsize)</li> <li>• 8bit GPIO</li> </ul>

## Additional data

<b>Dimensions</b>	250 x 52 x 191 mm
<b>Weight</b>	approx. 2 kg
<b>IP-Protection</b>	IP20
<b>Temperature</b>	-10 °C bis 55 °C
<b>Special features</b>	<ul style="list-style-type: none"> <li>• Always-On</li> <li>• Wake-on-LAN</li> <li>• PXE-Boot</li> <li>• TPM 2.0</li> <li>• Watchdog</li> <li>• System Guard</li> <li>• Recovery-BIOS</li> <li>• Kensington Lock</li> </ul>
<b>Optional extensions</b>	<ul style="list-style-type: none"> <li>• WiFi 6E incl. Bluetooth 5.3</li> <li>• Additional 1x/2x COM</li> <li>• Risercard PCIe x4 for LowProfile</li> </ul>
<b>Warranty</b>	2 Years Bring-In (optional up to 5 Years)
<b>Image stability</b>	Available until 2028

## Optional accessories

<b>Mounts</b>	<ul style="list-style-type: none"> <li>• VESA-Mount 100x100</li> <li>• DIN rail clip</li> </ul>
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For further information we invite you to visit:  
[www.calmo-pc.de](http://www.calmo-pc.de)

