

# CAR-5071

Portwell's cutting-edge system for edge computing with additional advantage of smart NIC and GPU cards.



2 x Intel Dual Intel Emerald Rapids Processor Socket  
 16x DDR5 RDIMM memory, up to 5600 MHz (1DPC)  
 6x Swappable U.2/SATA SSD (PCIex4) slot  
 Common Redundant PSU (CRPS, up to 1600 Watt)  
 Vertical NICversion : 6x Standard NIC slot Half High Half length (PCIEx16)

## Specifications

<b>Platform</b>	
<b>Processor</b>	2 x Intel Xeon Scalable Gen.5 Processor (Emerald Rapids)
<b>Chipset</b>	Intel C741 PCH (Emmitsburg)
<b>System Memory</b>	16 x DDR5 ECC 5600MHz DIMMs
<b>Expansion</b>	Up to 6x Standard NIC slot Half High Half length (PCIEx16)
<b>Storage Device</b>	Up to 6x Swappable U.2/SATA SSD (PCIex4) slot
<b>Power Supply</b>	1600W Redundant PSU
<b>Dimension (WxDxH)</b>	443mm x 520mm x 88mm (17.72" x 20.8" x 3.52")
<b>I/O</b>	
<b>Management Console</b>	1 x RJ45 System Console Port, 1 x Type C Console Port, 1 x RJ45 GbE Port (BMC), 2 x RJ45 GbE Port (x86)
<b>USB Port</b>	2 x USB 3.0 Port(s)
<b>Display Output</b>	1 x VGA Port (Optional from LOM or VGA module)
<b>LED</b>	Power / PSU / HDD / Ethernet
<b>LOM</b>	IPMI 2.0 w/ GbE Speed

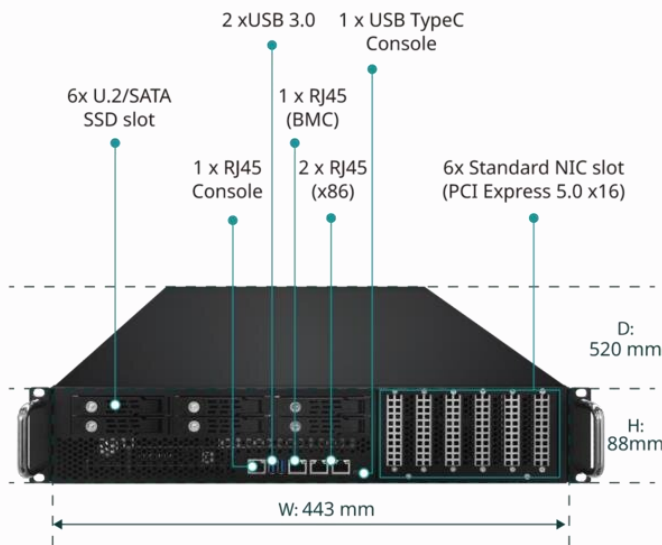
## Operations & Certifications

Operating Environment	Temperature: 0 - 40°C (32 - 104°F), Humidity: 20 - 90% RH
Storage Environment	Temperature: -10 - 70°C (14 - 158°F), Humidity: 5 - 95% RH
Certification	CE / FCC
OS Support	Linux

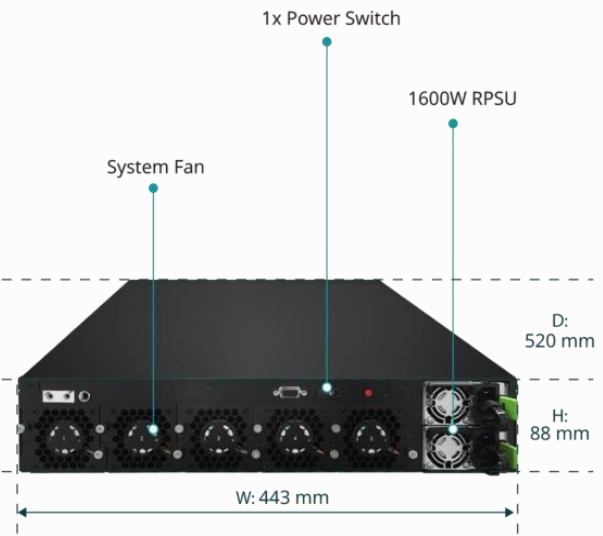
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### Front I/O



### Back I/O



## Ordering Information

System	
SKU	Description

Optional CPUs			
Model	Core/Thread	Frequency (Max.)	TDP

Optional Network Modules			
Model	Type	Manufacturer	Number of Ports

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