

# MaxVision<sup>®</sup> CyberPac8214<sup>®</sup>

RUGGED PORTABLE COMPUTERS LLC

The **CyberPac8214** is the most advanced server specifically designed for the mobile Cyber professional.

The **open flexibility and extremely compact size** that the CyberPac provides are perhaps the most important features. Married with your preference of hypervisor, operating systems, applications and PCIe option cards, this machine can be loaded for your mission and become the most **versatile cyber multi-tool** you own **without any compromise to the performance, memory and storage** required for the task ahead.

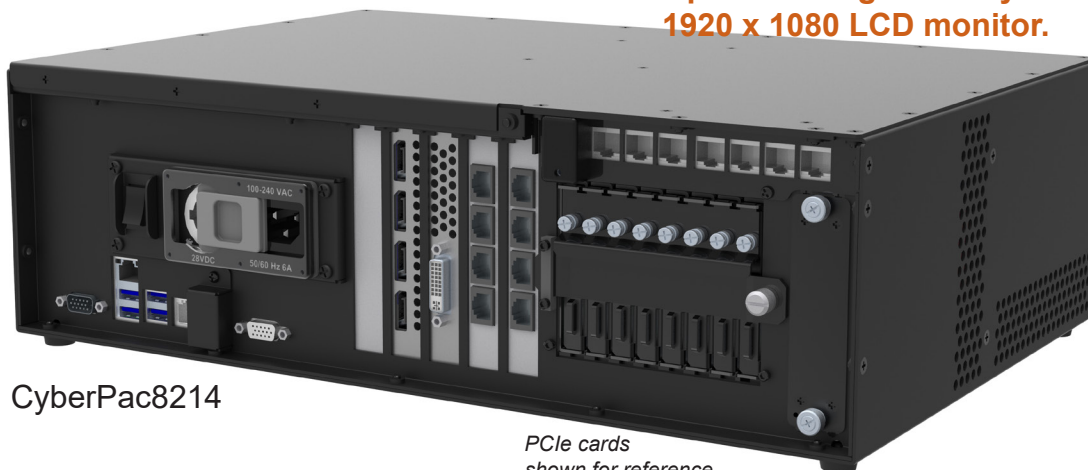
The CyberPac8214 can fit in our optional **TSA compliant Rollaboard Luggage** that meets the 22"x14"x9" size limit.

The CyberPac8214 is shipped standard with a customized Pelican Air 1607 rolling transit case. Together, the CyberPac & Transit case is less than the 50-pound total weight limit for standard checked baggage. If you are forced to gate check your CyberPac in its Rollaboard case, or if you plan to do checked baggage in the Pelican roller case, we have a much smaller Pelican 1300 SSD transit case so you can unload and hand carry on board all the removable SSDs.

You need not worry about running the CyberPac in a hot server room. Full performance operation of all cores at 40C (104F) is assured.

## **CyberPac8214 Key Features:**

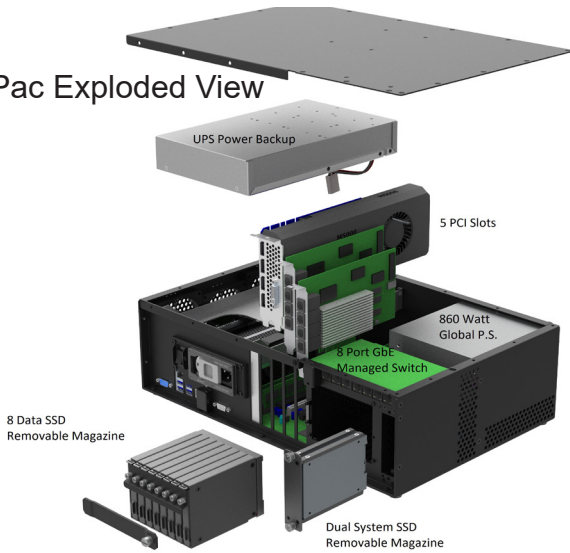
- Up to 44 Xeon Cores and 88 Threads
- Up to 1TB of DDR4 ECC main memory
- Up to 153.6TB of removable data RAID storage (magazine holding 5 SAS SSDs) or 61.44TB (magazine holding 8 SATA SSDs)
- Separate dual removable SSD system drives magazine
- 5 open PCIe slots for add-in cards
- Supports 90-264VAC 50/60Hz Power
- Supports 28VDC Power
- Integrated 10-minute power backup UPS. United Nations certified 85Whr LiFePO4 battery. (meets international carry-on)
- Integrated 8 port 1GbE Netgear web managed switch (Layer 2.5)
- Weighs only 28 pounds
- Size: 17.6" x 11.8" x 5.25" (only .63 cu ft)
- Optional TSA Rollaboard Luggage, fits in overhead bin (22"x14"x9")
- Standard Pelican Air 1607 Roller Hard Case for checked baggage and meets the 50 pounds weight limit (MIL STD 810G)
- Optional Pelican 1300 SSD carry case
- Optional integrated keyboard and flip-up 18.5" 1920 x 1080 LCD monitor.



CyberPac8214

*PCIe cards  
shown for reference*

CyberPac Exploded View



CyberPac shown with optional 18.5" display and keyboard/touchpad

Dual Processor	Any member of the Intel Scalable Xeon family, up to 22 cores per processor and 140 watts per processor
Motherboard	Supermicro X11DPL-I, ATX size, Integrated Dual GbE NICs
Expansion	Five PCIe Slots: 2 PCIe 3.0 x 16, 3 PCIe 3.0 x 8
Memory	Up to 1TB of registered DDR4 2666GHz ECC main memory; 8 DIMM sockets
SSDs	Two removable SSD magazines: <b>System magazine</b> supports 2 SATA, SAS or NVMe SSDs (mirror or JBOD); <b>Data magazine</b> supports 8 SATA SSDs or 5 SAS SSDs, selected when ordered. High performance RAID 0, or RAID 5/6 (Requires optional H/W Raid controller) Enterprise SATA SSD drives sizes of 480GB, 960GB, 1.92TB, 3.84TB and 7.68TB in 7mm sizes for a max size SATA magazine of 61.44TB and a streaming bandwidth of ~4GB/Sec. Alternatively the SAS magazine of 5 drives supports 960GB, 1.92TB, 3.84TB, 7.68TB, 15.36TB and 30.72TB for a max size SAS magazine of 153.6TB with a stream bandwidth of ~7.5GB/Sec.
Managed Network Switch	Choice of repackaged 8 port GbE Netgear GS108PE with four POE ports or 8 port GbE Netgear GS108E without POE
Power Supply	860 Watt Global Power Supply (90-264VAC@50/60Hz).
UPS	85 W-hr. integrated UPS provides typical up times of more than 10 mins; Also supports external 28VDC for operation from vehicle power

CyberPac with optional display closed



Small Pelican 1300 for carrying removable SSDs.



Rollboard luggage provides light weight protection and allows equipment to travel on board the aircraft.



The Pelican Air 1607 provides the ideal hardcase for checked baggage and meets the 50-pound limit.

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