Key Features

- Dual AMD EPYC™ 9004 processors
- Up to 24 DDR5-4800MHz ECC memory modules per node to deliver speed and efficiency for data-intensive workloads
- Supports up to 6 PCIe x16 Gen 5 low-profile slots
- Storage for up to 8 x 2.5” hot-swap drive bays with U.2 NVMe support

Graphics Processing Units (GPUs) have quickly established themselves as the computing tools of the future. As the growth rate of Central Processing Unit (CPU) speeds slows down, GPUs can offload compute-intensive functions from CPUs and accelerate your time-to-results. Penguin Computing™ Altus® XE3314GTS server ideal for anyone that needs to maximize P2P GPU performance in a compact platform.
## Technical Specifications

### Form Factor
- **Form factor**: 3U Rackmount

### Processors
- **Processor Number**: 2
- **Processor Type**: AMD EPYC™ 9004 series
- **Maximum TDP**: 400W

### Motherboard
- **Chipset**: SoC

### Board Management
- **BMC Chipset**: ASpeed AST2600
- **Dedicated BMC Interface**: RJ45
- **IPMI 2.0**: Yes
- **Virtual Media Over LAN**: Yes
- **KVM Over LAN**: Yes
- **RedFish**: Yes

### Memory
- **Memory Type**: DDR5-4800MHz
- **Memory Capacity**: Up to 6TB DDR5-4800MHz (24 DIMMs)

### Storage System
- **Hard Drive Bays**: SATA/U.2 NVMe (2.5”) 8 Hot-Swappable Bays

### Networking
- **Ethernet Controller**: Broadcom® BCM57416 (Rear) + Intel® I350-AM2 (Front)
- **On-Board LAN**: 2x 10GbE/RJ45 (Rear) + 2x 1GbE/RJ45 (Front)

### PCI Expansion Slots
- **Number of Slots/Gen/Speed (Size)**: 4x PCIe Gen5 x16 FHHL (Rear), 2x PCIe Gen5 x16 LP (Front)

### GPU
- **GPU Capable**: Yes, Up to 4x NVIDIA SXM5
- **GPU Supported**: NVIDIA HGX™ H100

### External I/O Interfaces
- **USB Ports**: 2 x USB 3.2 Gen1
- **VGA Ports**: 1x MiniDP

### Supported Operating System
- **Supported OS**: RHEL, Rocky

### Power System
- **Power Supply Size**: 4x 3000W 80Plus Titanium

### Regulatory Compliance
- **Regulations**: CE, FCC

### Mounting Hardware
- **Rackmount Rails**: Standard Rails included
## Operating Environment

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Temperature</td>
<td>10C to 35C (50F to 95F)</td>
</tr>
<tr>
<td>Non-operating Temperature</td>
<td>0C to 60C (32F to 140F)</td>
</tr>
<tr>
<td>Operating Relative Humidity</td>
<td>8% to 80% (non-condensing)</td>
</tr>
<tr>
<td>Non-operating Relative Humidity</td>
<td>20% to 95% (non-condensing)</td>
</tr>
</tbody>
</table>

## System Dimensions & Weight

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height</td>
<td>5.12 inches</td>
</tr>
<tr>
<td>Width</td>
<td>17.64 inches</td>
</tr>
<tr>
<td>Depth</td>
<td>31.50 inches</td>
</tr>
</tbody>
</table>

## Warranty

<table>
<thead>
<tr>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Warranty</td>
<td>3 Year Standard; Up to 4 years on-site available</td>
</tr>
</tbody>
</table>