QCT Rackgo X Big Sur Overview
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Rackgo X Big Sur

First-ever Open Compute Project GPU server

- New Generation Platform with Enhanced Performance
  - Supporting the latest Intel® Xeon E5-2600 v4 Processor
  - Up to 1024G 2400MHz DDR4 memory

- Maximum GPU Performance
  - (8) PCIe x16 double-width GPU slots.

- Uniform Scale-out Building Block
  - Scale out on Capacity and Computing

- High Reliability, Serviceability and Availability
  - Incredible level of business continuousness
Big Sur Front & Rear View
Flexible Topology for Different Workloads

Deep Learning SKU

AI Simulation SKU
Cascade Topology
Balanced Topology

Standard ATX MB

GPU Linking Board

OCP mezz x16

CPU 0

CPU 1

PLX 0

PLX 1

Double Width GPU

Double Width GPU

Double Width GPU

Double Width GPU

SAS mezz x8

OCP mezz x8

8x Drive Bay
# Rackgo X Big Sur Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Processor</td>
<td>(2) Intel® Xeon® processor E5-2600 v4 family per node, up to 145W*</td>
</tr>
<tr>
<td>Chipset</td>
<td>Intel® C610</td>
</tr>
<tr>
<td>Memory</td>
<td>(16) 2400MHz DDR4 RDIMM/LRDIMM</td>
</tr>
<tr>
<td>Drive Bay</td>
<td>(8) 2.5&quot; hot-swappable drive bays per node</td>
</tr>
<tr>
<td>Network Controller</td>
<td>Support following QCT OCP mezzanine card (PCIe x8) for network option in front IO</td>
</tr>
<tr>
<td></td>
<td>(1) QCT 1GbE RJ45 dual port OCP mezzanine card or</td>
</tr>
<tr>
<td></td>
<td>(1) QCT 10GbE RJ45 dual port OCP mezzanine card or</td>
</tr>
<tr>
<td></td>
<td>(1) QCT 10G/25Gb/40G SFP+ OCP dual port mezzanine card</td>
</tr>
<tr>
<td></td>
<td>(1) QCT 56G QSFP+ OCP single port mezzanine card</td>
</tr>
<tr>
<td>Expansion Slot</td>
<td>(1) PCIe x8 3.0 OCP mezzanine card per node</td>
</tr>
<tr>
<td></td>
<td>(1) PCIe x8 3.0 QCT SAS mezzanine card per node</td>
</tr>
<tr>
<td>Form Factor</td>
<td>4OU (Open Rack) Rackmount</td>
</tr>
<tr>
<td>Rack Compatible</td>
<td>Open Rack v.2</td>
</tr>
<tr>
<td>Management Port</td>
<td>(1) dedicated 1GbE RJ45 management port</td>
</tr>
<tr>
<td>Integrated BMC chip</td>
<td>Aspeed AST2400</td>
</tr>
<tr>
<td>Front I/O</td>
<td>(1) USB 3.0 ports</td>
</tr>
<tr>
<td>System Management</td>
<td>IPMI v2.0 Compliant, on board &quot;KVM over IP&quot; support</td>
</tr>
</tbody>
</table>

![QCT Logo](https://example.com/qct_logo.png)
Take “Deep-Learning” to the next level!!

Big Sur AVAILABLE TODAY

Big Basin in Q2 2017

visit us @ www.QCT.io
Thank You!