QCT SPEAKING SESSIONS

QCT’s New Gen Offering for OCP and Olympus
Tuesday March 20
12:50pm - 1:05pm
Expo Hall Session / Hall 1

OCP Design for EIA Adoptions
Tuesday March 20
3:45pm - 4:10pm
Executive Track / 210 EF

Quanta QCT Project Olympus
Wednesday March 21
9:30am - 10:00am
Engineering Workshop:
New Servers & GPUs / 210 F
Industry Trend moving Fabric to Front
Your colocation space can only support EIA-310A
QCT has the most OCP design Building Blocks deployed by CSPs

This year, we are adding even MORE to an already rich product line
Offering EIA Support to all these Building Blocks
Allows integration into all colocations !!
QuantaPlex T22SF-1U
Transforming High Density Design

- Up to 165W Xeon® Processor Scalable Family
- Support AVA LP carrier card
- Up to 3x PCI Expansion Slots per node
- Up to 16x SSD for high performance DB
QuantaPlex T22SF-1U Front & Rear View

Front View

- MOUNTING EAR
- OCP MEZZ SLOT
- NODE 0
- NODE 1
- DUAL ROTOR FAN
- SAS MEZZ OR ADA
- LP MD2 SLOT
- DEDICATED MGMT PORT
- USB 3.0
- MINI USB
- USB 3.0
- VGA PORT
- TRAY LATCH

Rear View

- 3X DUAL ROTOR FAN
- STANDARD PSU MODULE
- 3X DUAL ROTOR FAN
QuantaPlex T22SF-1U Compute Blade Overview
QuantaPlex T22C-1U
A Single U Box with Multiple Possibilities

42.8mm (1.68"
448mm (17.6"
1066mm (42")
QuantaPlex T22C-1U

Dual Node

**Chassis:**
- 448 x 42.8 x 1066mm
- Front PCIe, LAN and I/O
- Support Static Rail
- 6x 4056 Fan, H.S., D.R.
- 2 x 73.5mm PSU, H.S., 1+1

**MB:**
- 6.5” x 20” MB
- 2P Intel Skylake SP CPU
- 16x DIMM
- 1x PCIe x16 HHHL slot
- 1x OCP x16 mezz slot
QuantaPlex T22C-1U

Single Node - Flash

Chassis:
- 448 x 42.8 x 1066mm
- Front PCIe, LAN and I/O
- Support Static Rail
- 5x 4056 Fan, fixed, D.R.
- 2 x 73.5mm PSU, H.S., 1+1
- 8x SATA SSD drives

MB:
- 6.5” x 20” MB
- 2P Intel Skylake SP CPU
- 16x DIMM
- 1x PCIe x16 HHHL slot
- 1x OCP x16 mezz slot
QuantaPlex T22C-1U

Dual Node - Flash

**Chassis:**
- 448 x 42.8 x 1066mm
- Front PCIe, LAN and I/O
- Support Static Rail
- 6x 4056 Fan, H.S., D.R.
- 2 x 73.5mm PSU, H.S., 1+1
- 8x SATA SSD per node

**MB:**
- 6.5” x 20” MB
- 2P Intel Skylake SP CPU
- 16x DIMM
- 1x PCIe x16 HHHL slot
- 1x OCP x16 mezz slot
QuantaPlex T22C-1U

Single Node – Standard Storage

Chassis:
- 448 x 42.8 x 1066mm
- Front PCIe, LAN and I/O
- Support Static Rail
- 6x 4056 Fan, fixed, D.R.
- 2 x 73.5mm PSU, H.S., 1+1
- 14x LFF drives
- 1x SFF 2.5” 15mm boot

MB:
- 6.5” x 20” MB
- 2P Intel Skylake SP CPU
- 16x DIMM
- 1x PCIe x16 HHHL slot
- 1x OCP x16 mezz slot
Bridge-L SKU
Bridge-board PLX9797*1
Baseboard PLX9797*2 or 4
Max Host support*2

Bridge-H SKU
Bridge-board PLX9797*2
Baseboard PLX9797*2 or 4
Max Host support*4
Atom CPU*1

JG4080
One chassis for both GPU server and JBOG

Common GPU Baseboard for both system

GPU server: QuantaGrid D52G-4U
Skylake Motherboard

JBOG: QuantaVault JG4080
Bridge Board-L / Bridge Board-H
Front Access/ Rear Access
Front/Rear Access Support

Front Access

Front View (bridge-L)

rear View

Rear Access

Front View

rear View (bridge-H)
Supporting both PDMU & C14
OVERVIEW

- 4U JBOD
  - 88 Hot-plug HDDs
  - N+1 Dual Rotor Fans
  - N+N Redundant, 1650W 3-Phase, Hot-Swap PSUs
  - Drawer design – slide out for service

- Robust Feature Set
  - Integrates into Project Olympus Infrastructure through Universal PDU
  - Runs on OpenBMC
    - Gathers HDD temps and component status info
    - Individual HDD on/off to minimize NTF
We are also adding Project Olympus DX-88 to our line up.