

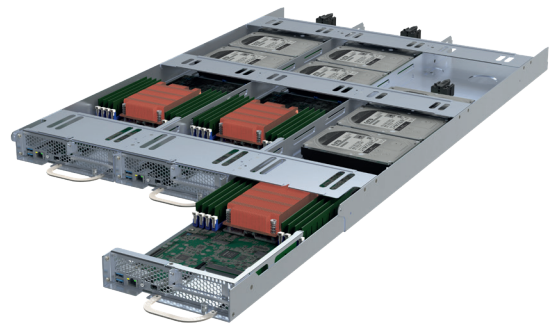
OCtoPus 3E

OCP inspired server

OCtoPus 3E is a CPU server, that integrates the key advantages of the Open Compute Project.
The new generation of multinodes CPU servers.

DESIGN PRINCIPLES

- 1x CPU per node
- High level of modularity
- Up to 96 nodes per rack
- A sustainable and evolutive solution



TOP APPLICATIONS



High-performance
Computing



Big Data Analytics



Cloud

KEY BENEFITS

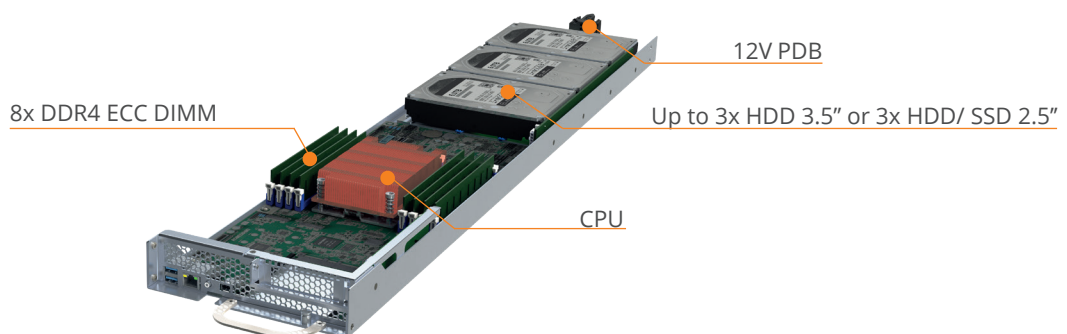
- Maximised performance and density
- Easy maintenance
- Increased reliability
- Sustainability

KEY FEATURES

Unique solution which supports :

- 1x AMD EPYC™ 7002 / 7001 series
- 1 OpenU 3 nodes allows high sustainability
- 21" server form factor with drawer concept
- Tool-less design
- Air cooling, direct liquid cooling and immersion* cooling

OVERVIEW



SPECIFICATIONS

System

Model	OCtoPus 3E
Form Factor	1OU/3N
Dimension	873 x 177 x 43mm 34.5" x 6.9" x 1.69" (D x W x H)
Sled	3 per shelf
Weight	5.78kg 11.02 lbs

Storage

Front type	-
Internal type	Up to 3x HDD 3.5" or 3x HDD/ SSD 2.5"

Motherboard

CPU	AMD EPYC™ 7002 / 7001 Series
Chipset	-
Expansions slots	PCIe lanes Gen.4
M.2 connector	2x M.2 NVMe
Network	Up to 2x 10 GbE (SPF+)

Processor

Socket type	Socket SP3 (LGA4094)
Supported CPU	AMD EPYC™ 7002 / 7001 Series
TDP	-

Memory

Quantity	8x DDR4 ECC DIMM
Speed	Up to 1024 GB R-DIMM, DDR4 2933MT/s
Channels	8 channels per CPU

Server management

BMC	IPMI 2.0, iKVM
Chipset	Aspeed® AST2500
TPM	-

Front I/O

Button	Power button UID button
LED	-
Port	2x USB 3.0 1x Mini Display 1x RJ45

Back I/O

Button	-
LED	-
Port	-

Internal connector

Port	-
-------------	---

System Cooling

Fans	Air cooling / Direct Liquid Cooling / Immersion* cooling
-------------	--

Power Input

Type	OCP technology 12V DC
Input Range	-

Warranty

Length	Up to 5 years
---------------	---------------

Operating Environment

RoHS	-
Temperature	Operating temperature: 10°C - 35°C (50°F - 35°F) Non-operating temperature: -40°C - 70°C (-40°F - 158°F)
Humidity	-

* only with SSDs.