

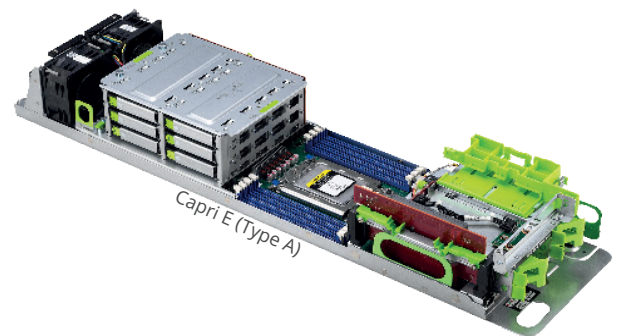
Capri E

OCP Multi-node server

Capri E is a 2OU/ 3N OCP server supporting AMD EPYC™ 7002 and 7003 series Processors. The latest server to provide pervasive performance enhancement including higher performance per-core and higher CPU frequency.

DESIGN PRINCIPLES

- Flexible combination of multiple servers in 2OU space for computing-intensive application with enhanced I/O performance.
- Performance optimized 2OU/ 3Node Open Plus server for computing-intensive applications.
- Supports AMD EPYC™ 7002 and 7003 series Processors.



TOP APPLICATIONS



High-performance Computing



Big Data Analytics



Artificial Intelligence

KEY BENEFITS

- High power efficiency
- Flexible design
- Easy maintenance

KEY FEATURES

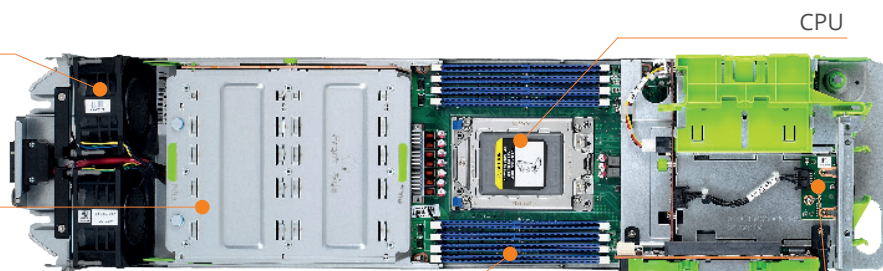
Unique solution which supports :

- AMD EPYC™ 7002 and 7003 series density up to 64 cores
- Optimized for data center softwares
- High density storage
- Compatible with 21" OCtoRack 42SL, V2 and above
- DMTF Redfish
- Tool-less design
- VMware ESXi 7.0 ; Red Hat® 8.2.2 ; CentOS 8.1

OVERVIEW

Fan system

6x 2.5" U.2 SSD



8x DIMM DDR4

CPU

Up to 6x 7mm SATA SSD (Type A)

SPECIFICATIONS

System

Model	Capri E
Form Factor	20U
Dimension	723 x 174.5 x 89mm 28.46" x 6.87" x 3.5" (D x W x H)
Sled	3 per shelf
Weight	5.6kg to 8kg 11lbs to 18lbs

Storage

Front type	6x SATA (Type A) or 4x 2.5" U.2 SSD Hot Plug (Type U)
Rear type	6x 2.5" U.2 SSD PCIe

Motherboard

CPU	AMD EPYC™ 7002 (ROME) / 7003 (MILAN)
Chipset	AMD
Expansions slots	2x PCIe 4.0 x16 slots HHHH (Type A) 1x PCIe 4.0 x16 slots FHHL (Type U)
M.2 connector	1x 80/110mm M.2 (SATA/PCIe Gen3 x4)
Network	1x 1GbE LAN (Intel® i210)

Processor

Socket type	Socket SP3 (LGA4094)
Supported CPU	AMD EPYC™ 7002 (ROME) / 7003 (MILAN)
TDP	Max up to 225W

Memory

Quantity	8x DIMM slots
Speed	Up to 1,024 GB R-DIMM, DDR4 3200MT/s
Channels	8 channels per CPU

Server management

BMC	IPMI 2.0 / DMTF Redfish® 1.7
Chipset	Aspeed® AST2500
TPM	TPM Header for SPI 2.0 for BIOS, I2C 1.2 BMC

Front I/O

Button	Power button Reset button
LED	System status LED Storage status LED Error LED
Port	1x Type A USB 3.0 1x Type C USB 3.0 2x USB 3.0 1x VGA header 1x RJ45 GbE port NCSI for IPMI

Back I/O

Button	-
LED	-
Port	-

Internal connector

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

System Cooling

Fans	2x fans (80x80mm)
-------------	-------------------

Power Input

Type	Open Rack centralized 12V bus bar
Input Range	12VDC, 480W max

Operating Environment

RoHS	RoHS compliant
Temperature	Operating temperature: 10°C to 35°C Non-operating temperature: -40°C to 70°C
Humidity	90%, non-condensing at 35°C