



# SERVIDOR DUO GPU

1U2N2G-C252/2T

Preliminary

- 1U chassis with 2 nodes, 1+1 Platinum 1200W CRPS
- Supports Intel® Xeon® E-2300 and 10th Gen Intel® Pentium® series processors
- 4 DIMM slots (2DPC), supports ECC/non-ECC UDIMM
- 1 FH dual-slot PCIe4.0 x16 per node
- 1 M.2 (PCIe4.0 x4), 1 M.2 (PCIe3.0 x4) per node
- 2 RJ45 (10GbE) by Intel® X710-AT2 per node
- Remote management (IPMI)



## Specifications

### Specifications

System	
Form Factor	1U Rackmount
Dimensions	650 x 438 x 43.5 mm (25.6" x 17.2" x 1.7")
Support MB	E3C252D4ID-2T
Front Panel	
Buttons	UID w/ LED, Power w/ LED
LEDs	System Fail
I/O Ports	1 DB15 (VGA) 2 Type-A (USB3.2 Gen1) 2 RJ45 (10GbE) by Intel® X710-AT2
IPMI LAN	1 dedicated IPMI
External Drive Bay / Storage	
Internal Side	1 M-key* (PCIe4.0 x4), supports 2280 form factor [CPU] 1 M-key (PCIe3.0 x4), supports 2280 form factor [PCH] *M.2 from CPU will not function when installing 10th Gen Intel® Pentium® Series Processors



# SERVIDOR DUO GPU

## Power Supply

Type	1+1 CRPS
Output Watts	1200W
Efficiency	80-PLUS Platinum
AC Input	100-240V, 50/60Hz

## System Fan

Fan	8 dual-rotor 40x56 mm fans
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## Processor System

CPU	Supports Intel® Xeon® E-2300 and 10th Gen Intel® Pentium® series processors
Socket	Single Socket H5 (LGA1200)
Chipset	Intel® C252

## System Memory

Supported DIMM Quantity	4 DIMM slots (2DPC)
Supported Type	Supports DDR4 288-pin ECC/non-ECC UDIMM
Max. Capacity per DIMM	ECC/non-ECC UDIMM: up to 32GB
Max. DIMM Frequency	ECC/non-ECC UDIMM: max. 3200MHz* *Up to DDR4 2666MHz when installing 10th Gen Intel® Pentium® Series Processors
Voltage	1.2V

## PCIe Expansion Slots (SLOT7 close to CPU)

PCIe x 16	1 FH dual-slot PCIe4.0* x16 *Supports PCIe3.0 only when installing 10th Gen Intel® Pentium® Series Processors
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## Server Management

BMC Controller	ASPEED AST2500
IPMI Dedicated GLAN	1 x Realtek RTL8211E for dedicated management GLAN

## Graphics

Controller	ASPEED AST2500
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## System BIOS

BIOS Type	256Mb SPI Flash ROM
BIOS Features	Plug and Play, ACPI 6.2 compliance wake up events, SMBIOS 3.3, ASRock Rack instant flash

## Hardware Monitor

Temperature	CPU,MB, Card side, TR1 sensing
Fan	Fan Tachometer CPU Quiet Fan (Allow Chassis Fan Speed Auto-Adjust by CPU Temperature) Fan Multi-Speed Control
Voltage	VCORE,VCCSA,VCCM,VCCST_SFR, 3.3V, 5V, 12V, +1.05V_PCH_AUX,+BAT, 3VSB, 5VSB,VCCIO,+2.5V_VPP

## Environment

Temperature	Operation temperature: 10°C ~ 35°C / Non operation temperature: -40°C ~ 70°C
Humidity	Non operation humidity: 20% ~ 90% ( Non condensing)