

# SERVER01 Specification

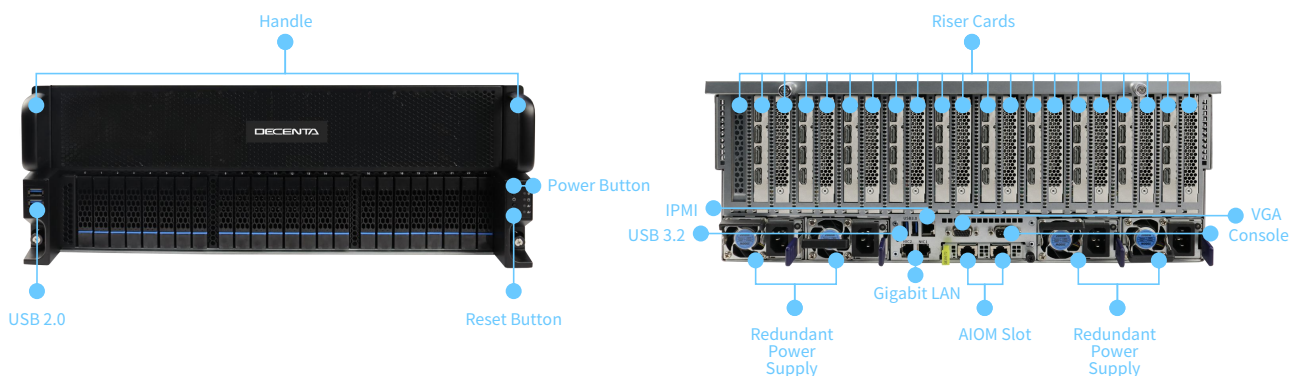


## Overview

Decenta SERVER01 is 4U Rackmount Server which is built on Intel® Eagle stream Platform. It has advantage of high computing performance, flexible hard disk configuration, large storage capacity and high reliability. It can meet high computing applications, and could be widely used for intelligent medical treatment, machine vision, data analysis, artificial intelligence and AI deep learning training, reasoning smart city etc.

- Support Dual 4<sup>th</sup> Intel® Xeon® Processors.
- Support 32x DDR5 4800MT/s/4400MT/s ECC RDIMM Slots.
- Up to 8 Single-Width PCI-E 5.0 x16 Card(Full Height Full Length).
- Up to 24x 2.5" hot-swap NVMe/SATA/SAS drive bays.
- Support hot-swappable OCP3.0 Slot.
- High Reliability with Redundant Design.
- Easy To Use with Modular Design.

## I/O Overview



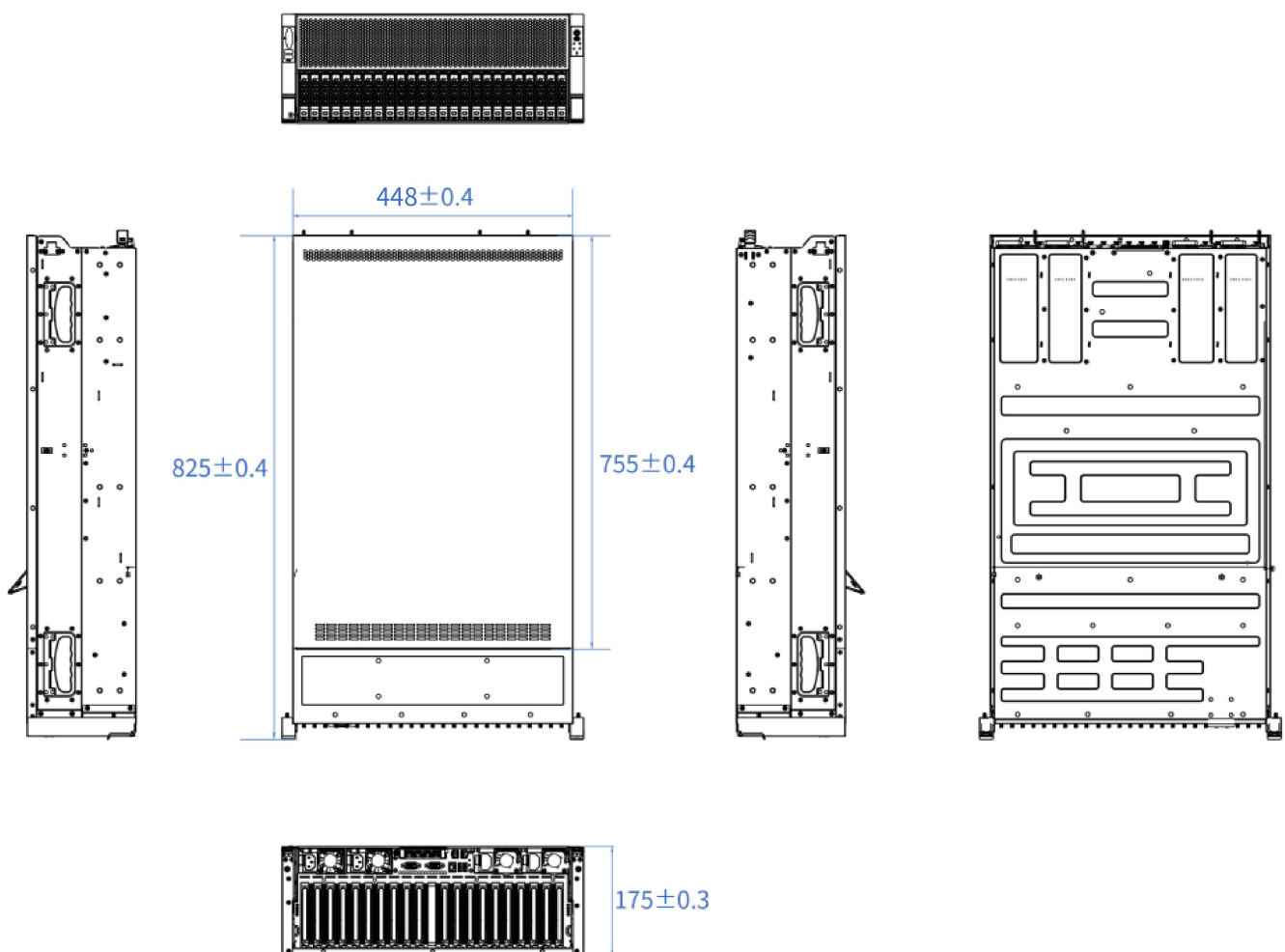
# Specifications

Model		S22-EGS-SERVER01	
Form Factor		4U Rackmount	
SKU		SKU1	SKU2
Processor	CPU	Dual Socket LGA-4677 4th/5th Gen Intel® Xeon® Scalable processors - Support CPU TDP 350W - Up to 60C or 64C/80T; Up to 60MB Cache	
	Chipset	Intel® Emmitsburg/C741	
Power Phase		8 Phase-switching voltage regulator Monitors for CPU Cores, Chipset Voltages, Memory	
Memory	Type	32x DDR5 4800/4400MT/s RDIMM memory, Support ECC	
	Capacity	Up to 8TB: 32x 256 GB DRAM	
PCIe Configuration		9x PCIe 5.0 x16	13x PCIe 5.0 x16
Graphic	Controller		Up to 8 Double-Width PCI-E 5.0 x16 Card (Full Height Full Length)
	Connector	CPU-GPU Interconnect	PCIe 5.0 x16
Network	Ethernet	Controller	1x Intel® I350
		Connector	2x 1GbE RJ45
BMC	Controller		AST2500
Storage	2.5" HDD/SSD		Up to 24x NVMe/SATA/SAS drive bays
	M.2		Up to 2x M.2 NVMe
I/O	Front	LED	5 (Power_LED_White; Power on: Solid White, Power off: Off UID_LED_Blue; Active UID via button/ Locating server via BMC WEB: Blinking Blue 1Hz, BMC Reset: Blinking Blue 2Hz, BMC restoring to factory setting: Blinking Blue 4Hz, BMC/BIOS FW Updating: Blinking Blue 10Hz Alarm_LED_Red; Overheat: Solid red, Fan failure: Blinking red 1Hz, Electricity failure: Blinking red 0.25Hz, Fault detected: Blinking red 10Hz HDD_LED_Green; Not transmitting data: Off, Transmitting data: Blinking Green LAN Status_LED_Green; Link LED: Solid Green, Transmitting data: Blinking Green)
		Button	2(Power & Reset)
		USB2.0	2
		2.5" Hot-swap NVMe/SAS/SATA3/ Drive Bays	Up to 24x 2.5" hot-swap NVMe/SATA/SAS drive bays
	Rear	AIOM Slot	1
		VGA Port	1
		COM	1
		IPMI	1
		LAN	2
		USB 3.2	2x USB 3.2 Gen 1
Environment	Temperature	Operating	10°C ~ 35°C
		Non-operating	-40°C to 60°C
	Humidity	Operating	8%~90% non-condensing
		Non-operating	5%~95% non-condensing
Feature	IPMI 2.0		Y
	dTPM		Y
	Watchdog Timer		Y
Cooling System		2x 4Pin CPU FANS 8x 4Pin heavy duty fans with optimal fan speed control *Fans with tachometer monitoring *Pulse Width Modulated (PWM) fan connectors *Status monitor for speed control	

# Specifications

Model	S22-EGS-SERVER01
Power	4x 2000W redundant Titanium level power supplies
OS	Win Server/Linux
Bios	Insyde
Dimensions	760mm x 448mm x 175mm/ 821mm x 448mm x 175mm(Include Fan Module)
Material	Plastic + Metal

## Dimensions (Unit: mm)



\*Specifications and information contained in this document are furnished for informational use only, and are subject to change at any time without notice, and should not be construed as a commitment by Decenta.