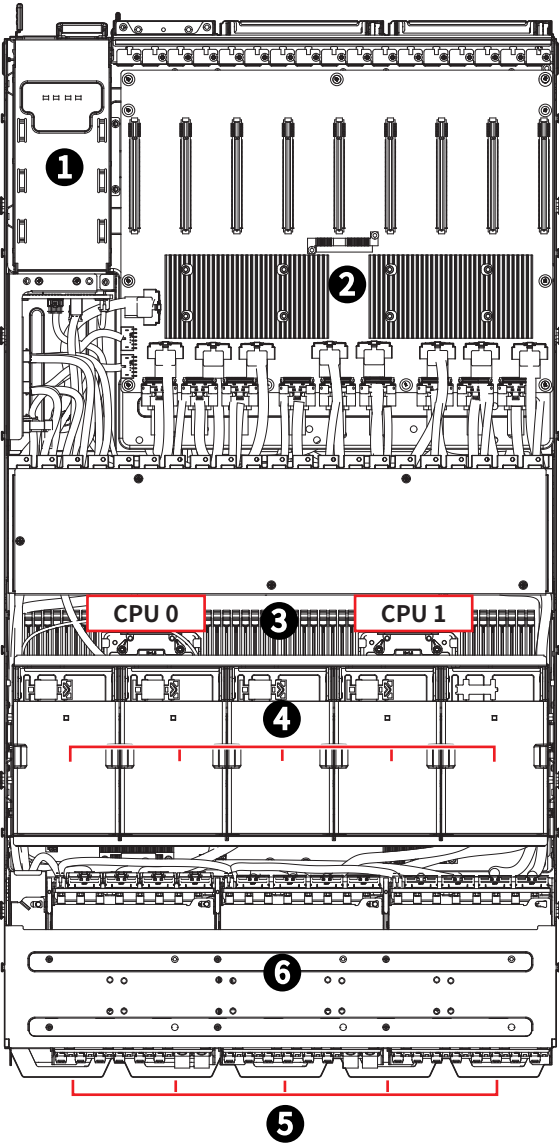


# CG480-S5063

## QUICK START GUIDE

### Top View



No.	Description	No.	Description
1	(3+1) 3200W CRPS PSU	4	5 x 8080 Hot-Swap System Fans (upper, for GPU)
2	PCIe Switch Board	5	5 x 8080 Hot-Swap System Fans (bottom, for CPU)
3	Motherboard	6	20 x Hot-Swap E1.S drive bays (PCIe 5.0 x4 NVMe)

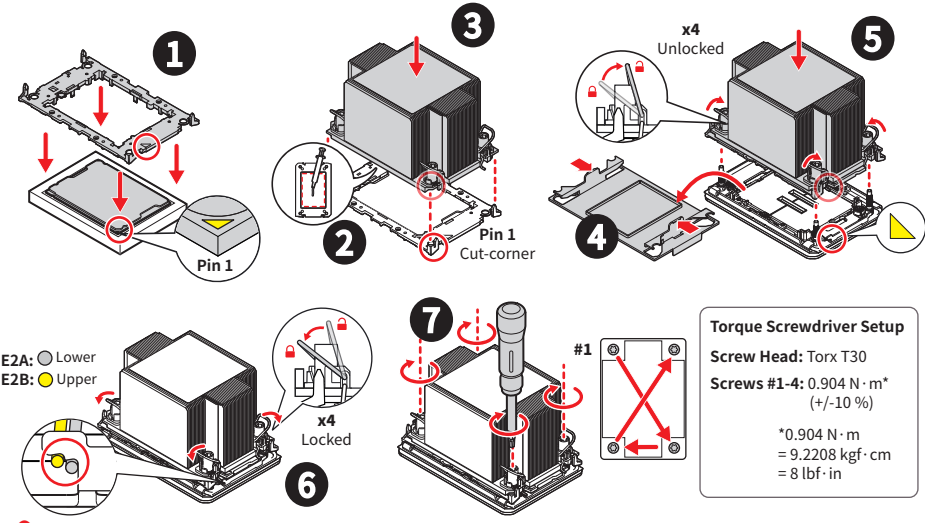
### CPU and GPU

- **CPU:** Dual Intel® Xeon® 6700E- series, 6500P-series and 6700P-series processors, TDP up to 350W.
- **GPU:** Max eight double wide PCIe GPU cards, TDP up to 600W.

**Safety Precautions**

- **Power Off Before Servicing:** Always power off the server and unplug the power cord before installing or removing components.
- **ESD Protection Required:** Use an ESD wrist strap or anti-static mat when handling internal components to prevent electrostatic discharge damage.

### Install CPU and Heatsink



**Important**

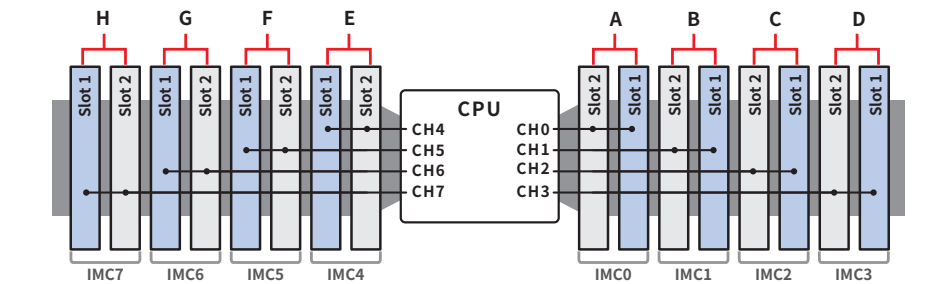
Please refer to the following table for the corresponding CPU carrier.

CPU Package Type	Thin Package	Thick Package
CPU Package Name	• Granite Rapids- SP XCC	• Granite Rapids- SP HCC/ LCC • Sierra Forest- SP
CPU Carrier Code	E2A	E2B

### Memory

The server board supports 32 DDR5 DIMM slots, compatible with **RDIMMs** and **MRDIMMs**.

DIMM Type	Max Frequency	Max Capacity per DIMM
RDIMM	6400 MT/s (1DPC), 5200 MT/s (2DPC)	256GB
MRDIMM	8000 MT/s (only support 1DPC)	64GB



IMC#	IMC7	IMC6	IMC5	IMC4	IMC0	IMC1	IMC2	IMC3
Channel	H	G	F	E	A	B	C	D
DDR5 Qty.	Chan 7	Chan 6	Chan 5	Chan 4	Chan 0	Chan 1	Chan 2	Chan 3
1					A2	A1	B2	B1
4	V	V	V	V	V	V	V	V
8	V	V	V	V	V	V	V	V
12	V	V	V	V	V	V	V	V
16	V	V	V	V	V	V	V	V

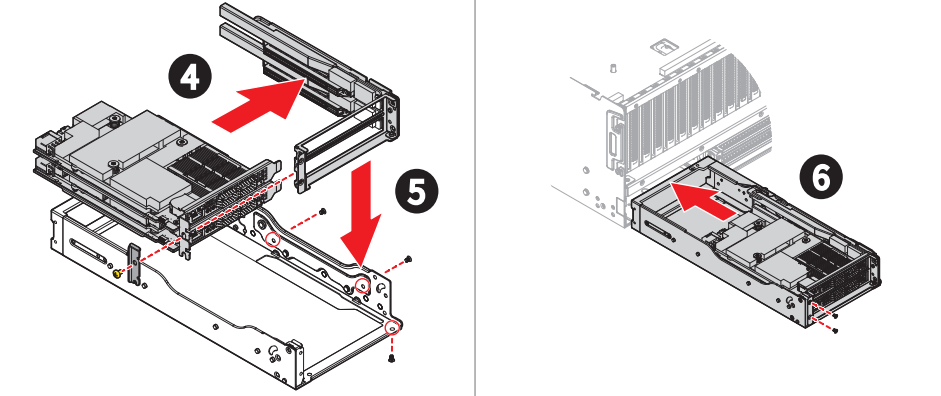
“V” indicates DIMMs are populated with **DDR5**.

**Important**

- There should be at least one DDR5 DIMM per socket.
- DDR5 memory configurations requires **same DIMM types, ranks, speeds, and densities**.
- Mixing vendors, non-3DS/3DS RDIMMs, 9x4 RDIMMs, or x8/x4 DIMMs is not allowed.
- Mixing DIMMs with different operating **frequencies** is not validated. When frequencies differ, the system defaults to the lowest common speed.

### Install PCIe Add-in Card

1. **Disconnect all cables** from the PCIe switch board and disconnect the CAM riser from the motherboard, then remove the board from the system.
2. **Unscrew** the rear-side screw and **slide out** the PCIe tray by pressing the release switch.
3. **Remove** the fixing panel, filler panels, and PCIe bracket from the tray.
4. **Insert** the PCIe card into the connector and secure with **fixing panel** and screw.
5. **Reattach the PCIe bracket** and press down firmly until it clicks — the auto-lock plunger will engage.
6. **Reinstall the PCIe assembly** into the chassis.
7. Reinstall the PCIe switch board and reconnect cables.
  - Refer to the User Guide for proper cable routing instructions.



### Install GPU Card

8. Loosen the screws on the riser bracket to remove the **filler panels**.
9. Attach the **mounting bracket** to the GPU card by tightening the screws.
10. Align the GPU card with the connector, and insert it until it is fully seated.
11. Tighten the **screws** to securely fix the PCIe add-in card in place.

