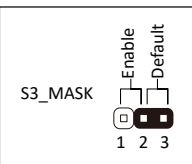
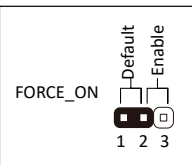
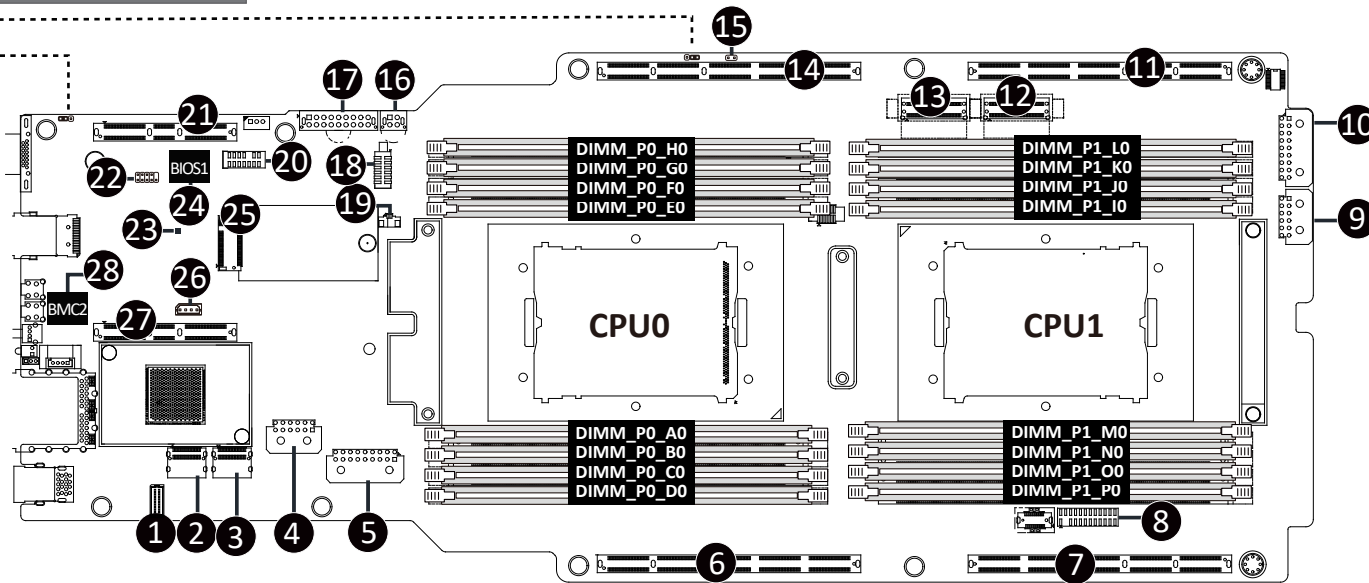


Hardware Quick Installation Guide

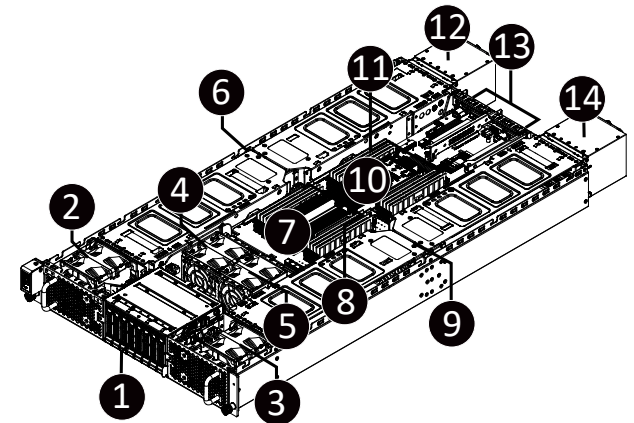
Motherboard Components



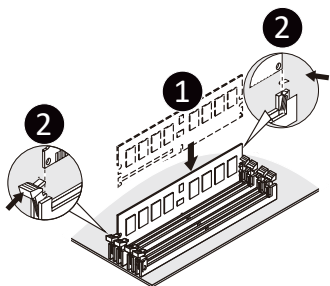
- | | |
|---|---|
| 1 HDD Back Plane Board Connector (BP_1) | 15 Case Open Intrusion Alert Header (CASE_OPEN) |
| 2 MCIO Connector (U2_P1_PE0A/PCIe Gen5) | 16 2 x 2 Pin Power Connector (SSI_2X2P) |
| 3 MCIO Connector (U2_P1_PE0C/PCIe Gen5) | 17 2 x 9 Pin Power Connector (SSI_2X9P) |
| 4 2 x 6 Pin ATX Power Connector (ATX1_2) | 18 Front Panel Header (FP_2/Secondary) |
| 5 2 x 9 Pin ATX Power Connector (ATX1_1) | 19 System Battery Cable Connector (BAT) |
| 6 PCIe x32 Slot #2 (PCIe_2) | 20 TPM Module Connector (SPI_TPM) |
| 7 PCIe x32 Slot #4 (PCIe_4) | 21 Proprietary PCIe Slot (GENZ_1/Gen5 x16) |
| 8 Front Panel Header (FP_1 / Primary) | 22 COM Port Header (COM1) |
| 9 2 x 6 Pin ATX Power Connector (ATX2_2) | 23 BMC Firmware Readiness LED (LED_BMC) |
| 10 2 x 9 Pin ATX Power Connector (ATX2_1) | 24 BIOS_1 (BIOS_2 at the back) |
| 11 PCIe x32 Slot #3 (PCIe_3) | 25 PRoT Module Connector (PROT) |
| 12 MCIO Connector (U2_P0_PE5/PCIe Gen5) | 26 IPMB Connector (IPMB) |
| 13 MCIO Connector (U2_P1_PE1/PCIe Gen5) | 27 Secondary PCIe Slot (GENZ_2/Gen5 x16) |
| 14 PCIe x32 Slot #1 (PCIe_1) | 28 BMC_FLH2 (BMC_FLH1 at the back) |

System Components

- 1 2.5" Hard Drives
- 2 GPU7/GPU8 FAN (GPU78_FAN1 / GPU78_FAN2)
- 3 GPU3/GPU4 FAN (GPU34_FAN1 / GPU34_FAN2)
- 4 System FAN2 (SYS_FAN2_1 / SYS_FAN2_2)
- 5 System FAN1 (SYS_FAN1_1 / SYS_FAN1_2)
- 6 GPU 5/GPU6 FAN (GPU56_FAN1/GPU56_FAN2)
- 7 CPU1 and Heat Sink
- 8 CPU1 DDR5 Memory
- 9 GPU1/GPU2 FAN (GPU12_FAN1/GPU12_FAN2)
- 10 CPU0 and Heat Sink
- 11 CPU0 DDR5 Memory
- 12 External GPU5/GPU6 Fan (GPU56E_FAN1/GPU56E_FAN2)
- 13 Riser Slot
- 14 External GPU1/GPU2 Fan (GPU12E_FAN1/GPU12E_FAN2)



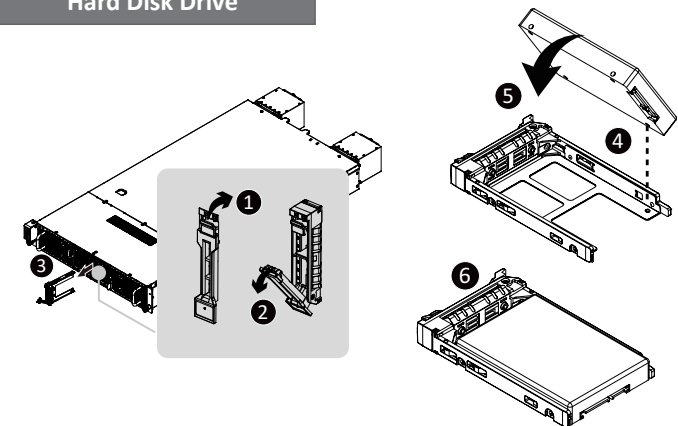
Memory



6500P/6700P/6700E Series

Memory Q'ty for each CPU	CPU0								CPU1							
	H0	G0	F0	E0	A0	B0	C0	D0	P0	O0	N0	M0	I0	J0	K0	L0
1 DIMM					V								V			
4 DIMM		V		V	V		V		V		V	V		V		
	V		V			V		V	V		V			V		V
8 DIMM	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V

Hard Disk Drive



Hardware Quick Installation Guide

System Appearance

 Power Button with LED

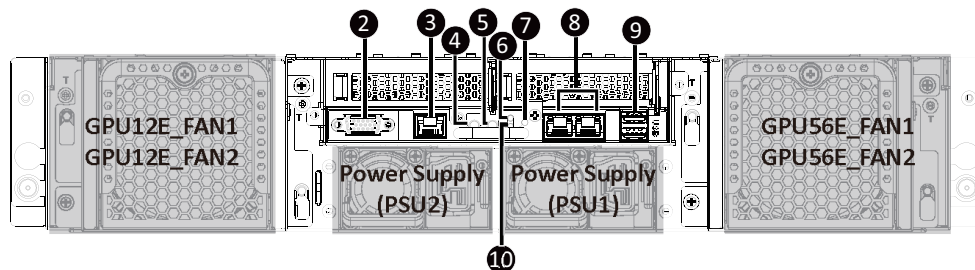
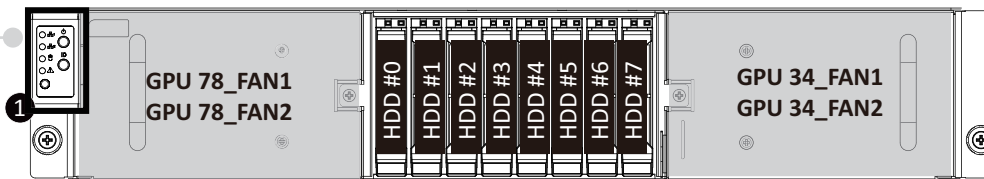
 ID Button with LED

 LAN 1 Active/Link LED

 LAN 2 Active/Link LED

 HDD Status LED

 System Status LED



① Front panel LED and buttons

② VGA Port

③ Management LAN port

④ Power Button with LED

⑤ ID Button

⑥ Reset Button

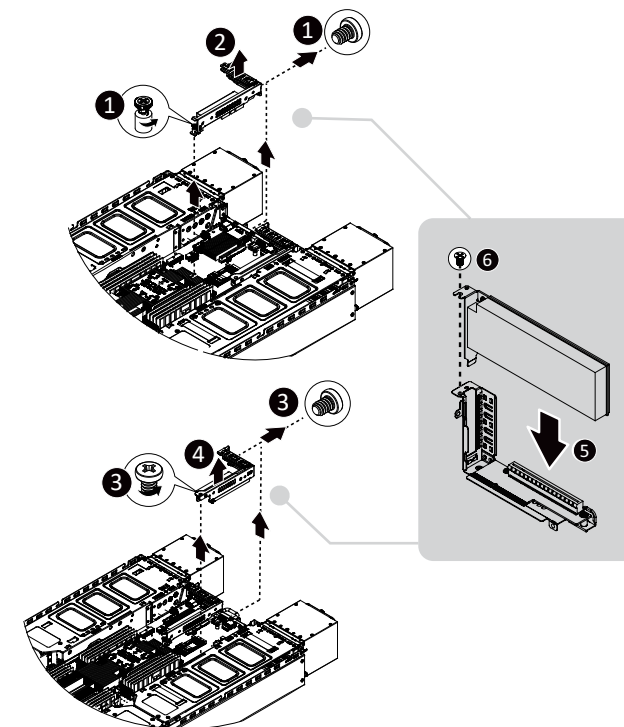
⑦ System Status LED

⑧ Data LAN Port x 2

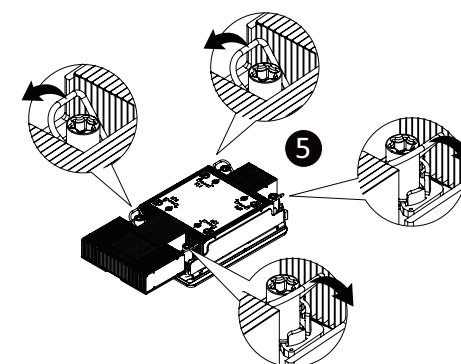
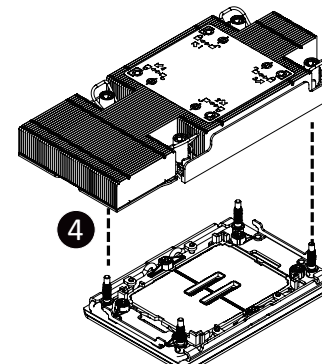
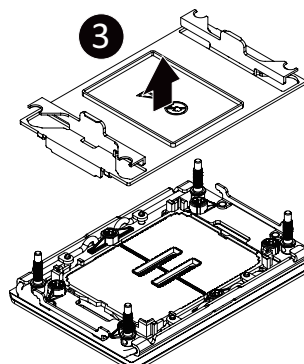
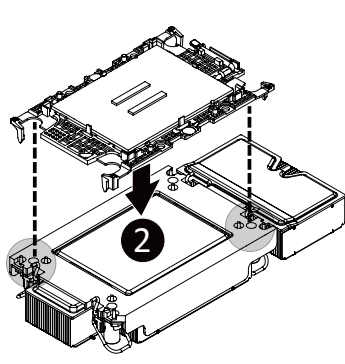
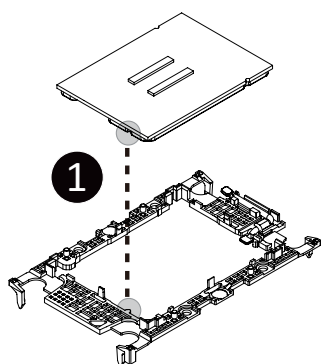
⑨ USB 3.0 Port x 2

⑩ NMI Button

PCI Express Card



CPU and Heat Sink



NOTE!

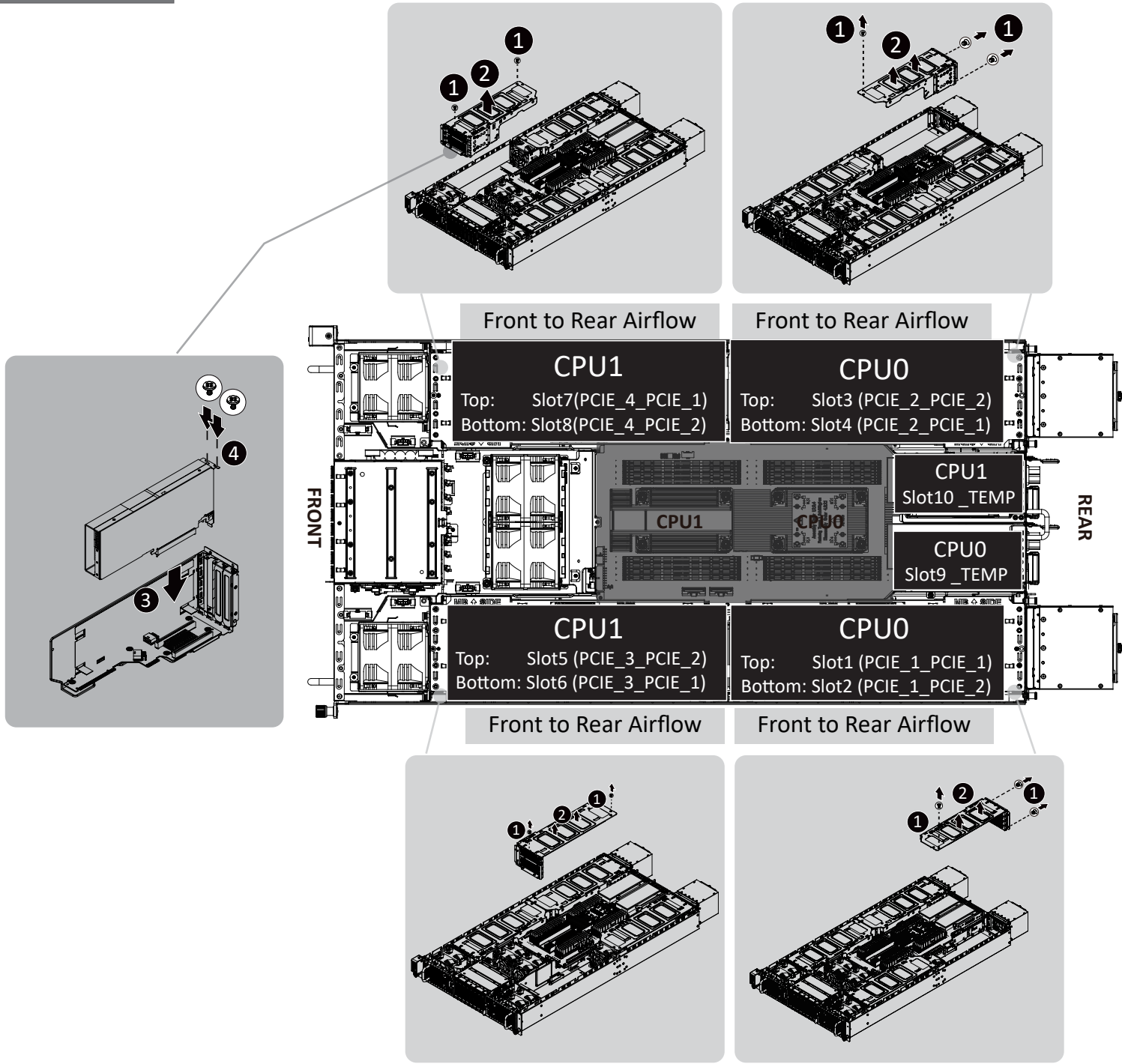
- When installing the heatsink to CPU, use T30-Lobe driver to tighten 4 captive nuts in sequence as 1-4.
- Please refer to the Heatsink Label for the screw tightening torque value.

Carrier Types used for Package Types

Package Type	Granite Rapids-SP (R15) XCC	Granite Rapids-SP (R15) HCC/LCC
Carrier Code	E2A	E2B

Hardware Quick Installation Guide

GPU Card



FAN

