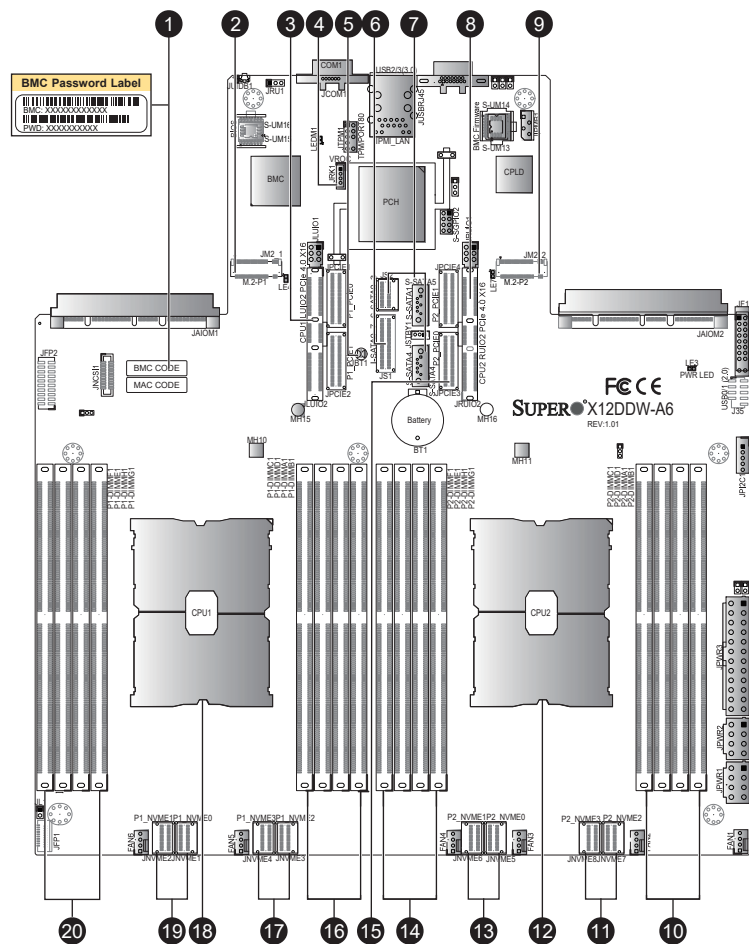
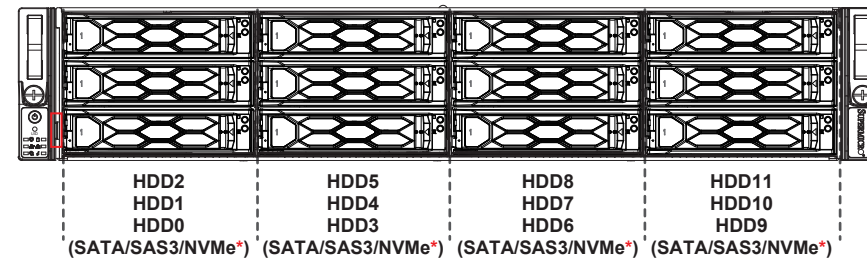


Board Layout



No.	Description
1	BMC Password Label
2	PCIe 3.0 x2 NVMe M.2 slot from PCH supported by CPU1
3	Left side PCIe 4.0 x16 riser card slot supported by CPU1
4	JRK1: RAID Key for onboard NVMe devices
5	JBT1: Clear CMOS
6	I-SATA 0-7: SATA 3.0 ports
7	S-SATA 0-3/S-SATA4, 5: SATA 3.0 ports/Powered SATA connectors
8	Right side PCIe 4.0 x16 riser card slot supported by CPU2
9	PCIe 3.0 x2 NVMe M.2 slot from PCH supported by CPU1
10	P2-DIMMB1/P2-DIMMA1/P2-DIMMD1/P2-DIMMC1 slot
11	NVMe PCI-E 4.0 x4 SlimSAS ports 2 and 3 (from CPU2)
12	CPU2
13	NVMe PCI-E 4.0 x4 SlimSAS ports 0 and 1 (from CPU2)
14	P2-DIMMG1/P2-DIMMH1/P2-DIMME1/P2-DIMMF1 slot
15	PCI-E 4.0 x8 SlimSAS ports for riser slots or NVMe connection (JPCIE1/2 from CPU1, JPCIE3/4 from CPU2)
16	P1-DIMMB1/P1-DIMMA1/P1-DIMMD1/P1-DIMMC1 slot
17	NVMe PCI-E 4.0 x4 SlimSAS ports 2 and 3 (from CPU1)
18	CPU1
19	NVMe PCI-E 4.0 x4 SlimSAS ports 0 and 1 (from CPU1)
20	P1-DIMMG1/P1-DIMMH1/P1-DIMME1/P1-DIMMF1 slot

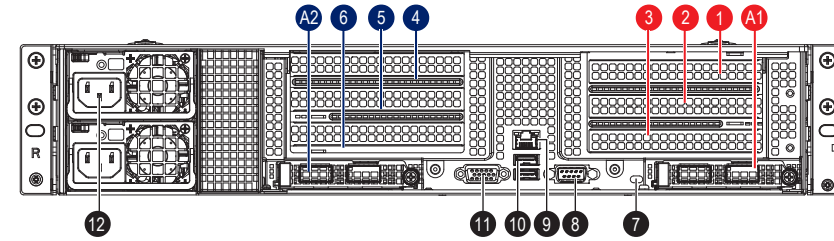
Front View and Features



No.	Description	No.	Description
1	Power Button	6	HDD Activity LED
2	UID Button/Reset Button	7	Universal Information LED
3	Power LED	8	Service/Asset Tag with System Serial Number and BMC Unique Password
4	LAN1 and LAN2 LED	9	Drive Device Activity LED
5	Power Failure LED	10	Drive Device Status LED

* 12x 3.5-inch Front Drive Bays (NVMe/SAS/SATA)

Rear View and Features

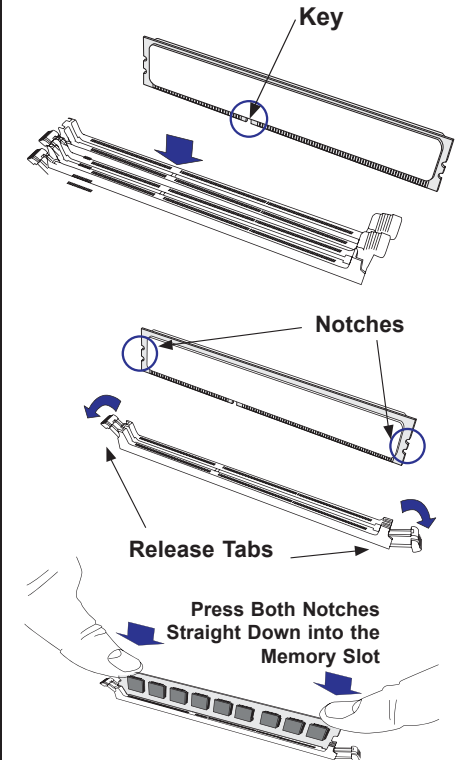


No.	Description
1/2	Configurable to 1x PCIe 4.0 x16 FHFL (Slot 1) or 2x PCIe 4.0 x8 FHFL From CPU 1
3	PCIe 4.0 x16 FHFL From CPU 1
A1	AIOM slot from CPU 1
4/5	Configurable to 1x PCIe 4.0 x16 FHFL (Slot 5) or 2x PCIe 4.0 x8 FHFL From CPU 2
6	PCIe 4.0 x16 FHFL From CPU 2
A2	AIOM slot from CPU 2
7	UID/BMC Reset Button
8	COM port
9	Dedicated IPMI LAN Port
10	2x USB 3.0 Ports
11	VGA port
12	Redundant 1200W Titanium Level Power Supplies

Slot 1, Slot 2, Slot 4 and Slot 5 are configurable

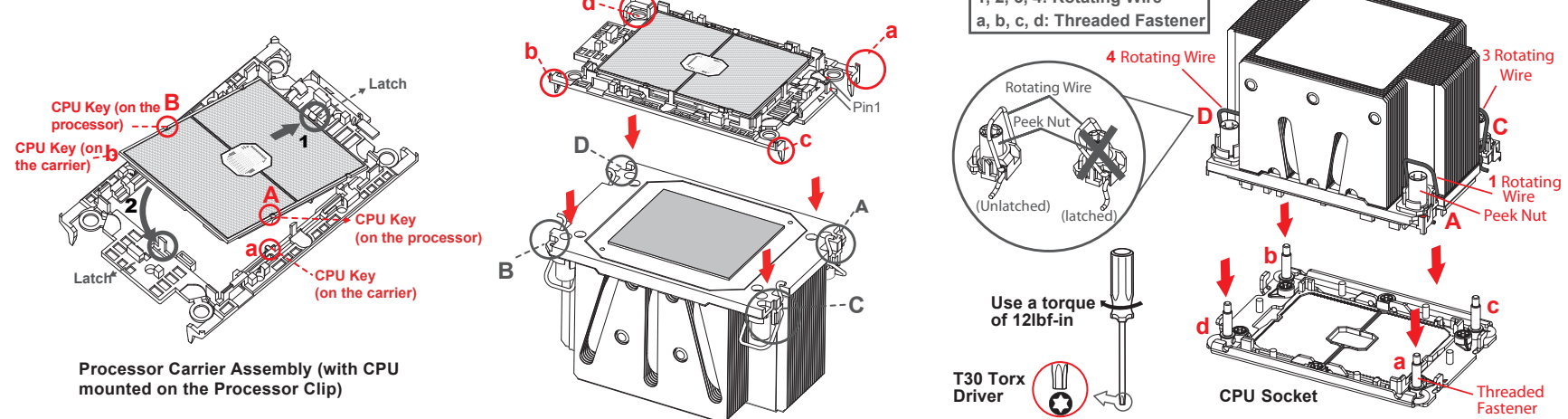
Riser Cable Configuration Guide		
	Left riser card RSC-D2-668G4	Left riser card RSC-D2-668G4
4x PCI-E 4.0 x16 slots (Slot 1, 3, 5, 6)	JPCIE1 to CN2, JPCIE2 to CN3	JPCIE4 to CN2, JPCIE3 to CN3
2x PCI-E 4.0 x16 slots (Slot 3, 6)	JPCIE1 to CN1, JPCIE2 to CN3	JPCIE4 to CN1, JPCIE3 to CN3
4x PCI-E 4.0 x8 slots (Slot 1, 2, 4, 5)	JPCIE1 to CN1, JPCIE2 to CN3	JPCIE4 to CN1, JPCIE3 to CN3

Memory



CPU Installation

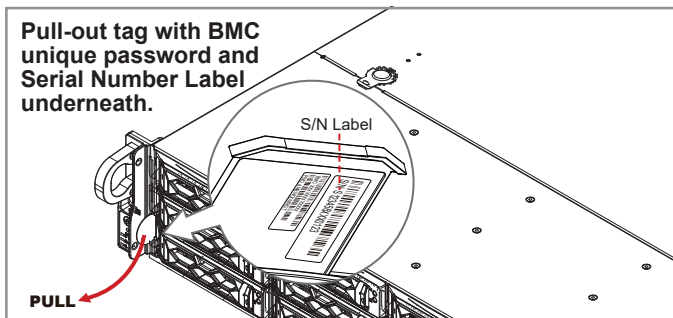
- Put processor into bracket – attention to the lineup Pin and key on both processor and carrier.
- Put processor carrier module into HS.
- Put processor heatsink module into MB.



DIMM Installation

- Insert the desired number of DIMMs into the memory slots.
Note: Unbalanced population will impact memory performance. Refer to server manual for full population guide.
- Push the release tabs outwards on both ends of the DIMM slot to unlock it.
- Align the key of the DIMM module with the receptive point on the memory slot.
- Align the notches on both ends of the module against the receptive points on the ends of the slot.
- Use two thumbs together to press the notches on both ends of the module straight down into the slot until the module snaps into place.
- Press the release tabs to the lock positions to secure the DIMM module into the slot.

BMC Password Label



Each system comes with a unique default password for the ADMIN user. This can be found on a sticker on the motherboard and a sticker underneath the service tag on chassis. If necessary, the password can be reset by the Supermicro IPMICFG tool.

For more information, please visit <https://www.supermicro.com/en/solutions/management-software/bmc-resources>

Caution and Product Resources

SAFETY INFORMATION:
IMPORTANT: See installation instructions and safety warning before connecting system to power supply.
http://www.supermicro.com/about/policies/safety_information.cfm

CAUTION:
Always be sure all power supplies for this system have the same power output. If mixed power supplies are installed, the system will not operate.

WARNING:
To reduce risk of electric shock/damage to equipment, disconnect power from server by disconnecting all power cords from electrical outlets. If any CPU socket empty, install protective plastic CPU cap.

CAUTION:
This unit has redundant power sources. Please disconnect all the power cords before servicing.

PRODUCT RESOURCES:
For more information go to: <http://www.supermicro.com/support>

