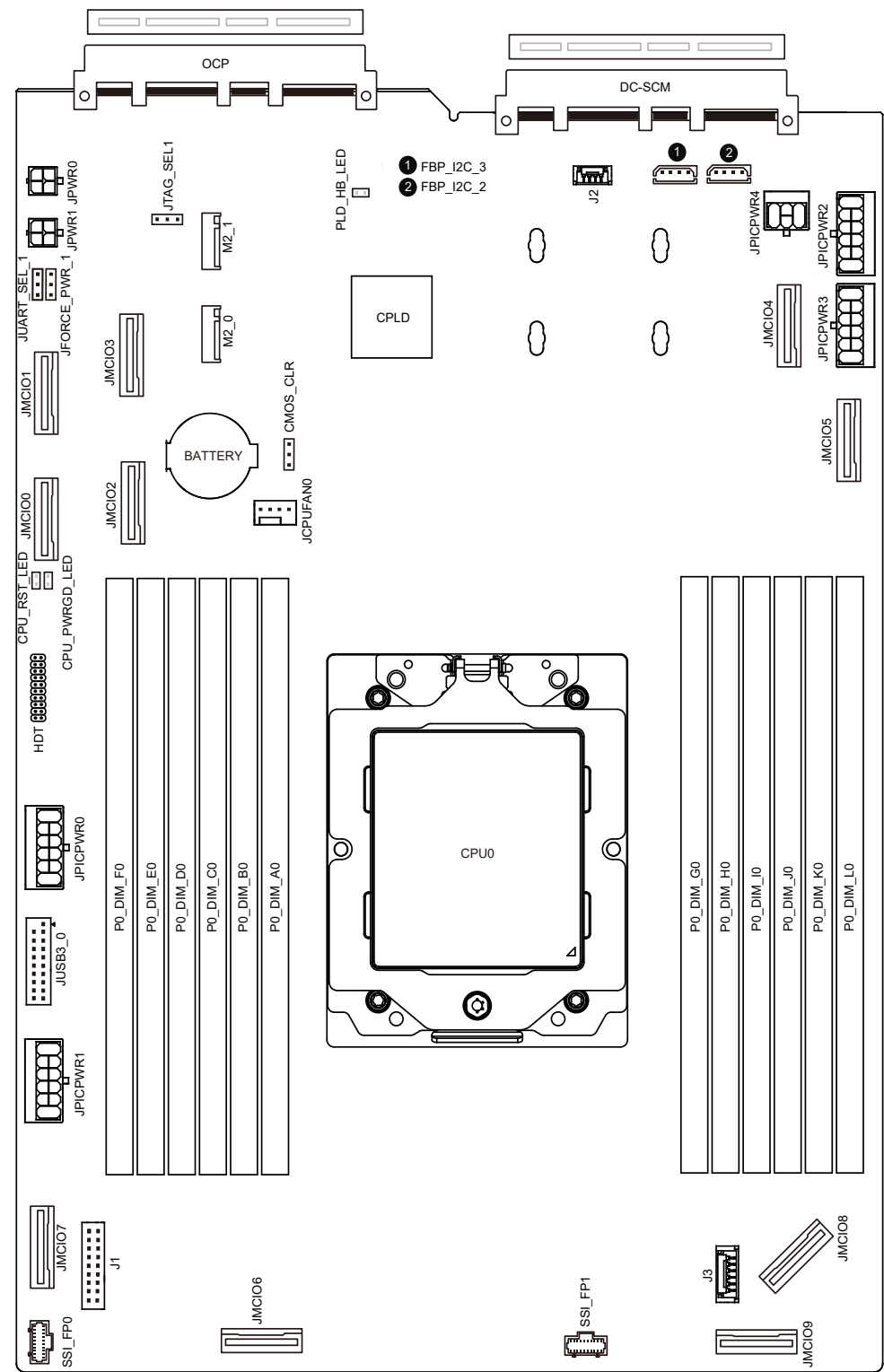


D4051/S4051

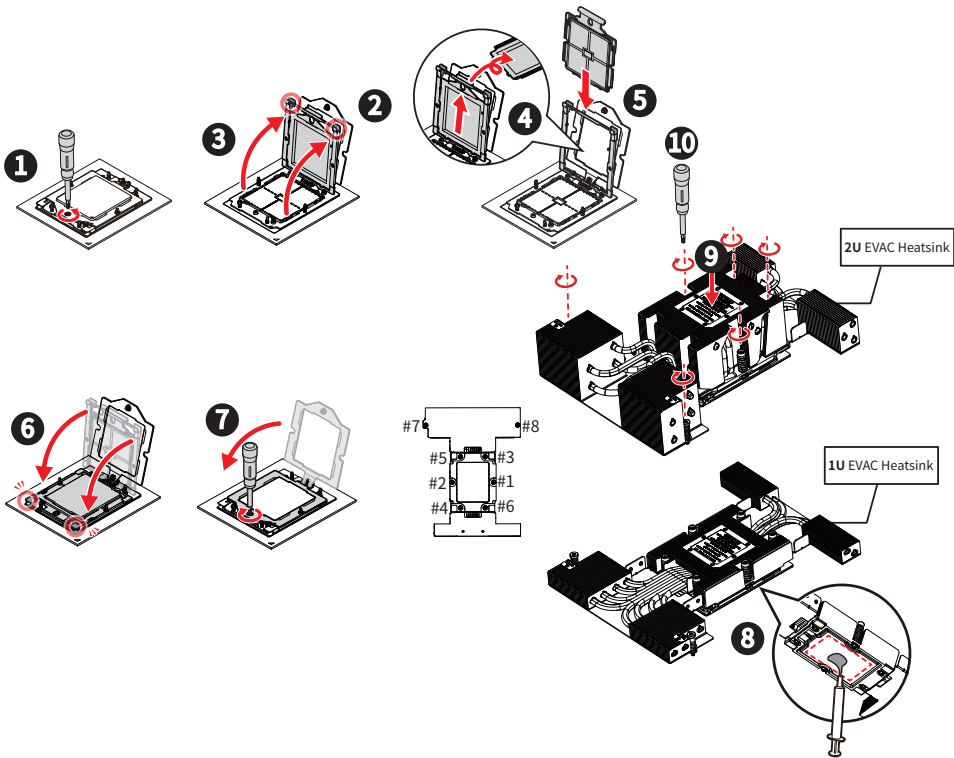
QUICK START GUIDE



CPU

Single AMD EPYC™ 9004/9005 series processors(Socket SP5), up to TDP 500W.
Max supported CPU TDP varies by SKU. Please check the user manual for details.

CPU and Heatsink Installation

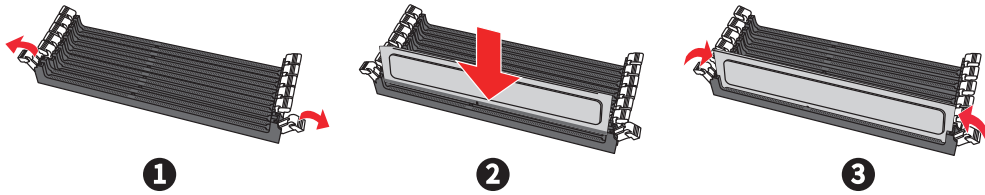


Connectors, Jumpers and LED Indicators

Name	Description
JPWR0~1	Power connectors for riser card
JPICPWR0~1	+12V power in connectors
JPICPWR2~3	Power connectors for GPU
JPICPWR4	Power connectors for HDD backplane
JMCIO0~9	MCIO 8i Connectors
JCPUFAN0	CPU fan power connector
JUSB3_0	USB 3.0 connector
M2_0,M2_1	M.2 slots (M Key, PCIe 3.0 x2, 22110/ 2280)
SSI_FP0~1	20-pin DC-MHS control panel header
OCP	OCP 3.0 SFF (PCIe 5.0 x16 from CPU0)
DC-SCM	Port for DCSCM card
JUART_SEL_1	Uart select jumper
JFORCE_PWR_1	Force power on jumper
JTAG_SEL1	JTAG signal select jumper
CMOS_CLR	Clear CMOS jumper
HDT	HDT connector
FBP_I2C_2~3	HDD BP SMBUS header
J1	PDB management connector
J2	Liquid leakage detect connector
J3	Pump driver connector
PLD_HB_LED	CPLD heart beat led
CPU_RST_LED	CPU reset led
CPU_PWRGD_LED	CPU power good led

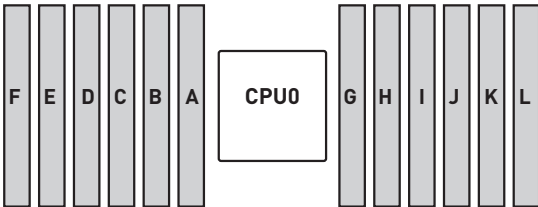
Memory Installation

1. Open the side clips to unlock the DIMM slot.
2. Insert the DIMM vertically into the slot, ensuring that the off-center notch at the bottom aligns with the slot.
3. Push the DIMM firmly into the slot until it clicks and the side clips automatically close.
4. Verify that the side clips have securely locked the DIMM in place.



DDR5 Only DIMM Configuration

The server board supports DDR5 RDIMMs and 3DS RDIMMs with memory speeds up to 6400 MT/s (1DPC).



1 CPU														
Channel Qty. of DDR5	F	E	D	C	B	A	C P U	G	H	I	J	K	L	
12	V	V	V	V	V	V		V	V	V	V	V	V	V
10		V	V	V	V	V		V	V	V	V	V	V	
8		V		V	V	V		V	V	V	V		V	
6				V	V	V		V	V	V	V			
4				V		V		V	V		V			
2						V		V	V					
1						V								

Important

- There should be at least one DDR5 DIMM populated.
- Only support RDIMM,3DSRDIMM.
- DDR5 memory configurations requires **same DIMM types, ranks, speeds, and densities**.