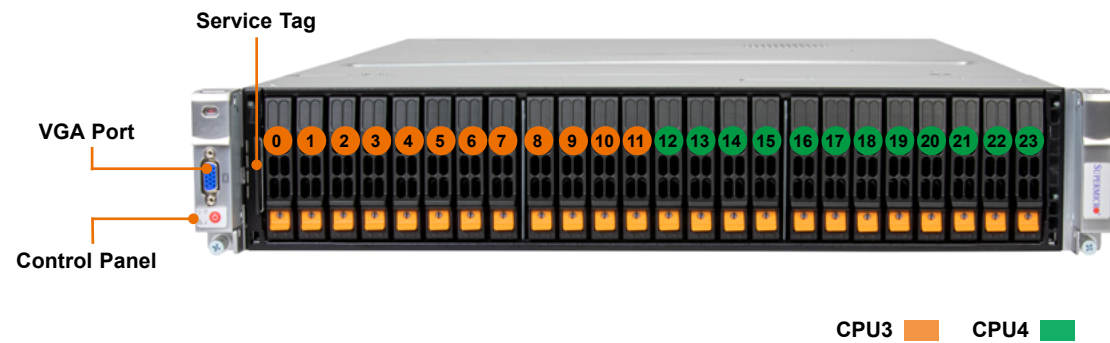


SUPERMICR[®] SuperServer[®] SYS-242B-NR Quick Reference Guide

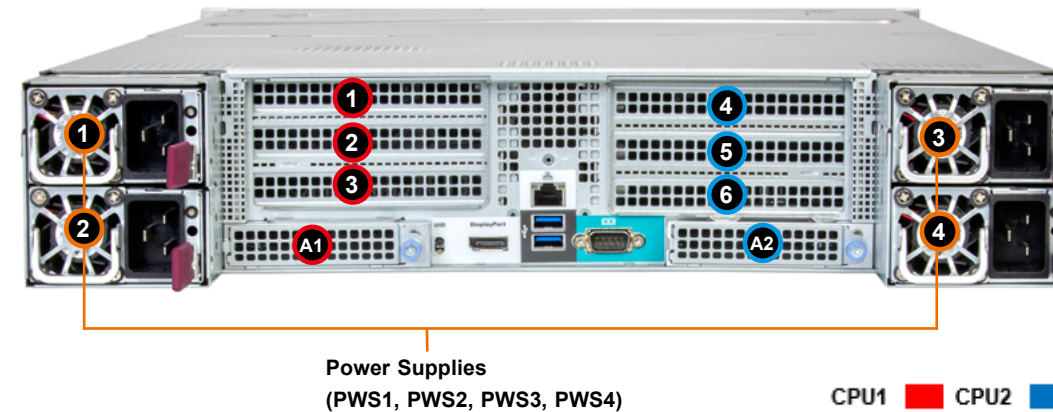
Front Features



System Features: Front

Feature	Description
VGA Port	One video port
Control Panel	Front control panel with LEDs and buttons.
Service Tag	Pull-out service or asset tag has the BMC password details.
0-23	24 2.5" NVMe5/SAS3/SATA3 drive bays (via optional cable or RAID controller)

Rear Features



System Features: Rear

Feature	Description
Power Supplies	Four redundant 2700 W Titanium Level power supply modules (PWS1 and PWS2 on the left, PWS3 and PWS4 to the right).

Expansion Slot Locations

Slot	Description
1	PCIe 5.0 x8 in x16 FHHL slot
2	PCIe 5.0 x16 FHHL slot
3	PCIe 5.0 x16 FHHL slot
4	PCIe 5.0 x16 FHHL slot
5	PCIe 5.0 x8 in x16 FHHL slot
6	PCIe 5.0 x16 FHHL slot
A1	PCIe 5.0 x16 AIOM slot (OCP 3.0)
A2	PCIe 5.0 x16 AIOM slot (OCP 3.0)

FHFL = full height, full length. FHHL = full height, half length. HHHL = half height, half length. Full height = 4.2", low profile = 2.5", full length = 10.5", half length = 6.6"

BMC Password

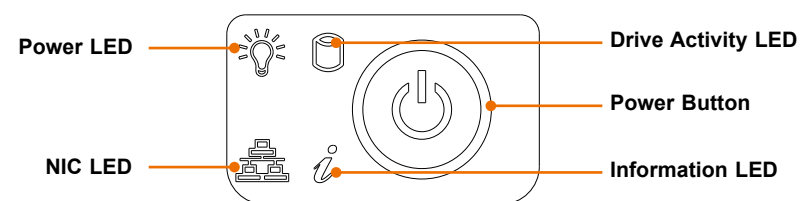
Each system comes with a unique default password for the ADMIN user. This can be found on a sticker on the motherboard and another on the chassis service tag. If necessary, the password can be reset.

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

Product Page



Control Panel

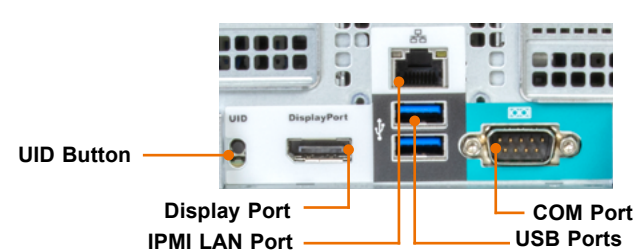


Control Panel Features

Feature	Description
Power LED	Indicates power is being supplied to the system power supply units. This LED is illuminated when the system is operating normally.
Drive Activity LED	Indicates activity on the storage drives when flashing.
Power Button	The main power switch applies or removes primary power from the power supplies to the server but maintains standby power.
NIC LED	Indicates network activity when flashing.
Information LED	Alerts operator to several states, as noted in the table below.

UID Button/BMC Button—The unit identification (UID) button turns on or off the blue light function of the Information LED. This button can also be used to reset the BMC.

I/O Panel



I/O Ports

Item	Description
UID Button	One UID button
Display Port	One DisplayPort 1.1a video interface
IPMI LAN Port	One dedicated IPMI port for remote management
USB Ports	Two USB 3.0 ports
COM Port	One serial communication port

System Block Diagram

