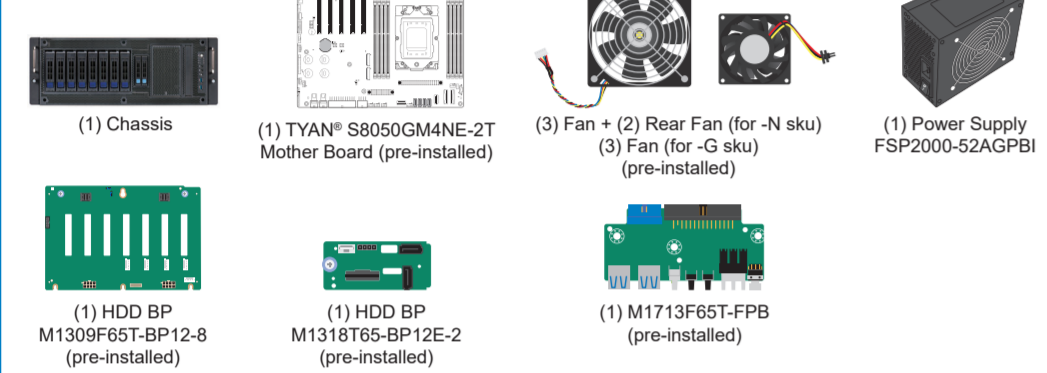


## 1 General Information

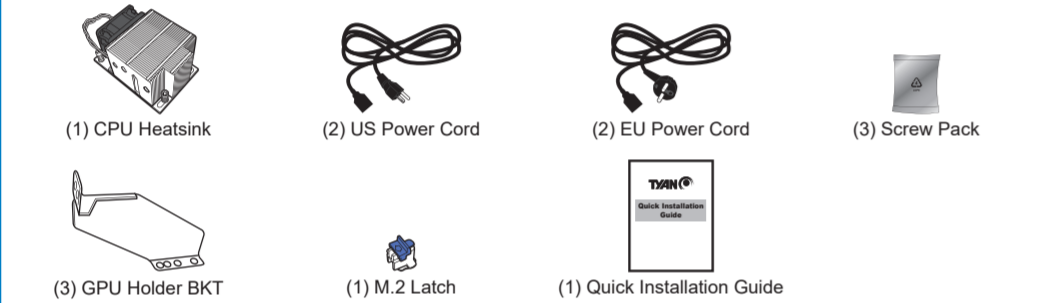
### Read Me First

- The Barebone User's Manual is available for download from our Web site at <http://www.tyan.com>. Make sure to read all precautions and instructions before you start installing the server system.
- Refer all servicing to qualified personnel to avoid the risk of damage to the server system.
- Exercise normal ESD (Electrostatic Discharge) procedures during system integration. TYAN/MITAC recommends wearing gloves and an anti-static wrist strap to avoid possible damage to the equipment.
- Current processor socket design places the pins on the motherboard instead of the processor itself. Exercise caution when installing the processors as the manufacturer's warranty does not cover damage inflicted upon the motherboard, including damage to the CPU sockets.

### Box Content



### Accessories



### Required Hardware Components

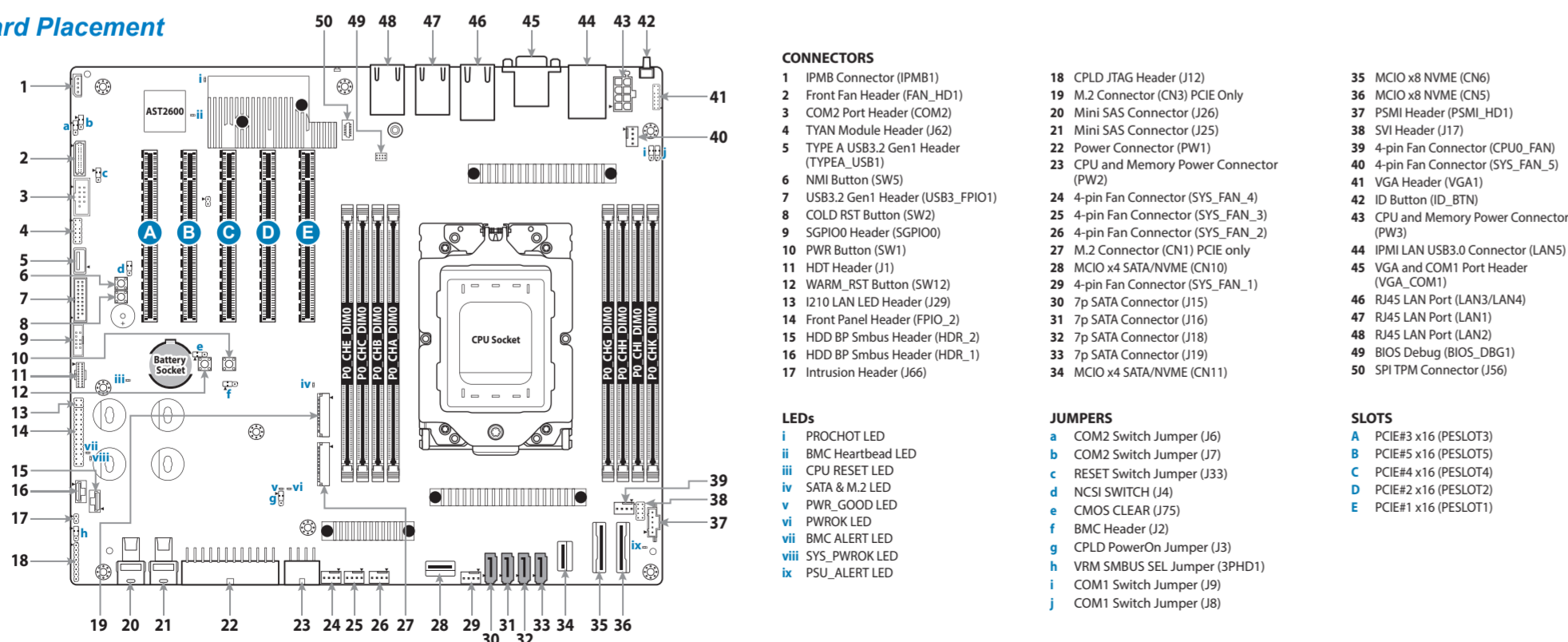
- Minimum Hardware Requirements**  
 To avoid integration difficulties and possible board damage, your system must meet the following minimum requirements:
- Processor: AMD Zen(Rome) series processor  
 Support AMD Genoa Processor w/ TDP up to 300W
  - Memory Type: (8) DDR5 DIMM slots (8x memory channels)  
 (L)RDDR5 5200 w/ ECC (1.2V)
  - Hard Disk Drives: (1) 8-port 3.5" HDD Backplane (HDD backplane M1309 supports 8x SAS 12Gb/s and SATA 6G)  
 (1) 2-port 2.5" HDD Backplane (HDD backplane M1318 supports SATA 6Gb/s and NVME)
  - Rack Mount Kit: Standard 19" equipment rack
- NOTE:** The updated hardware requirements of the system please refer to the barebones user's manual on our website at <http://www.tyan.com>

### Tools Required



## 3 Motherboard Placement

### Motherboard Placement

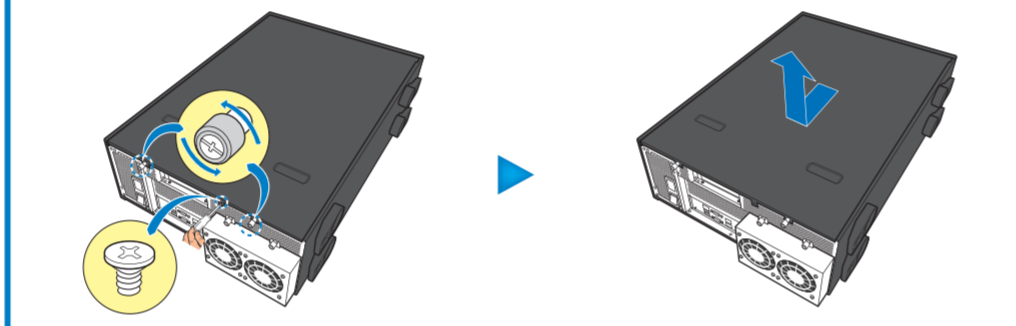


## 2 System Installation



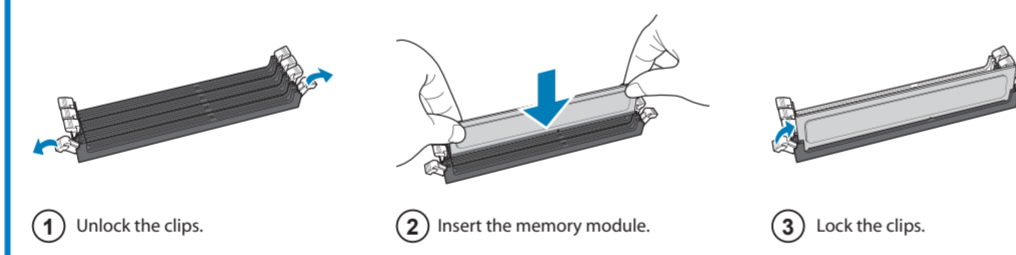
### Open the Chassis

Preparing the Chassis  
 Read normal ESD (Electrostatic Discharge) procedures.  
 Place your TYAN® Server Chassis on a flat anti-static surface to perform the following integration procedures. Read ESD procedures before reaching inside to install components.

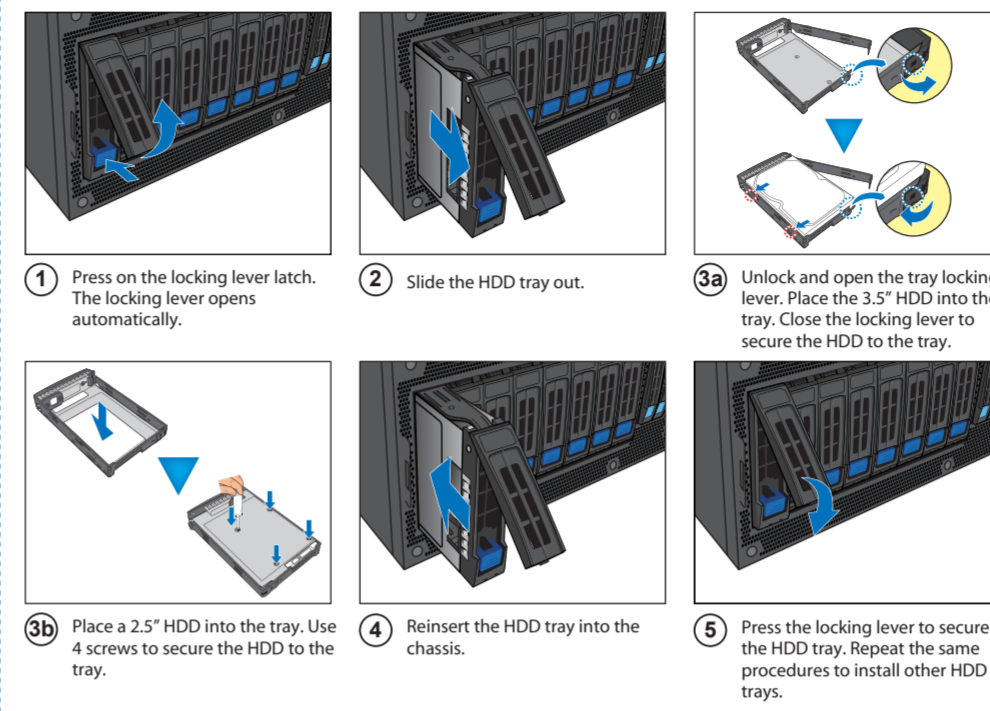


**NOTE:** Please refer to the user's manual for the power cord connection method.

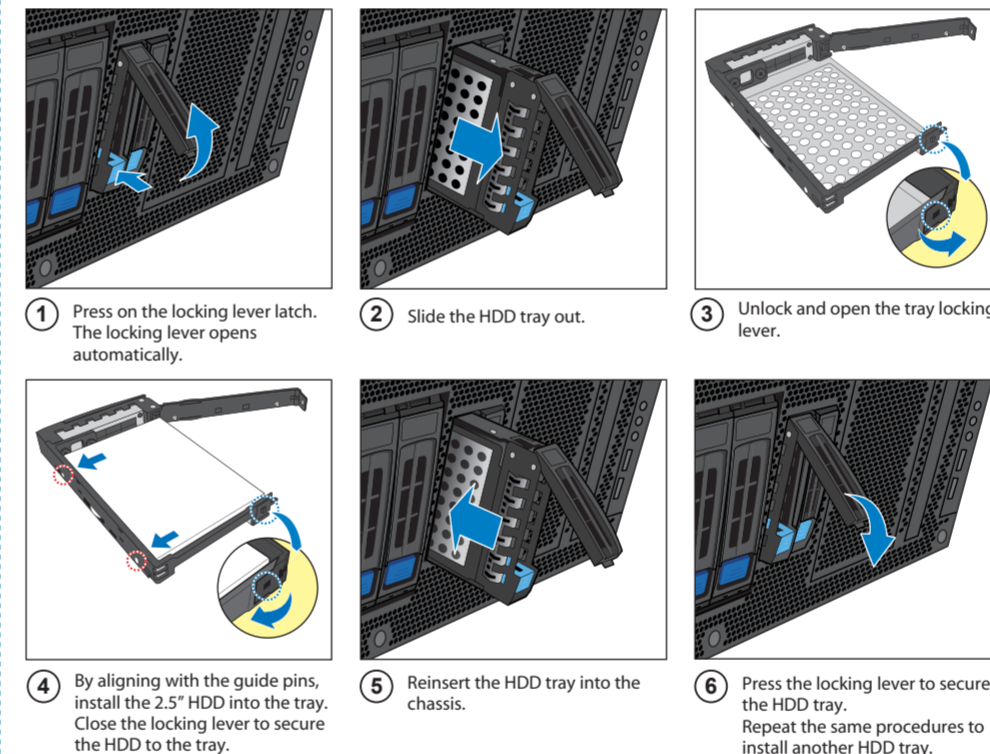
### Install the Memory



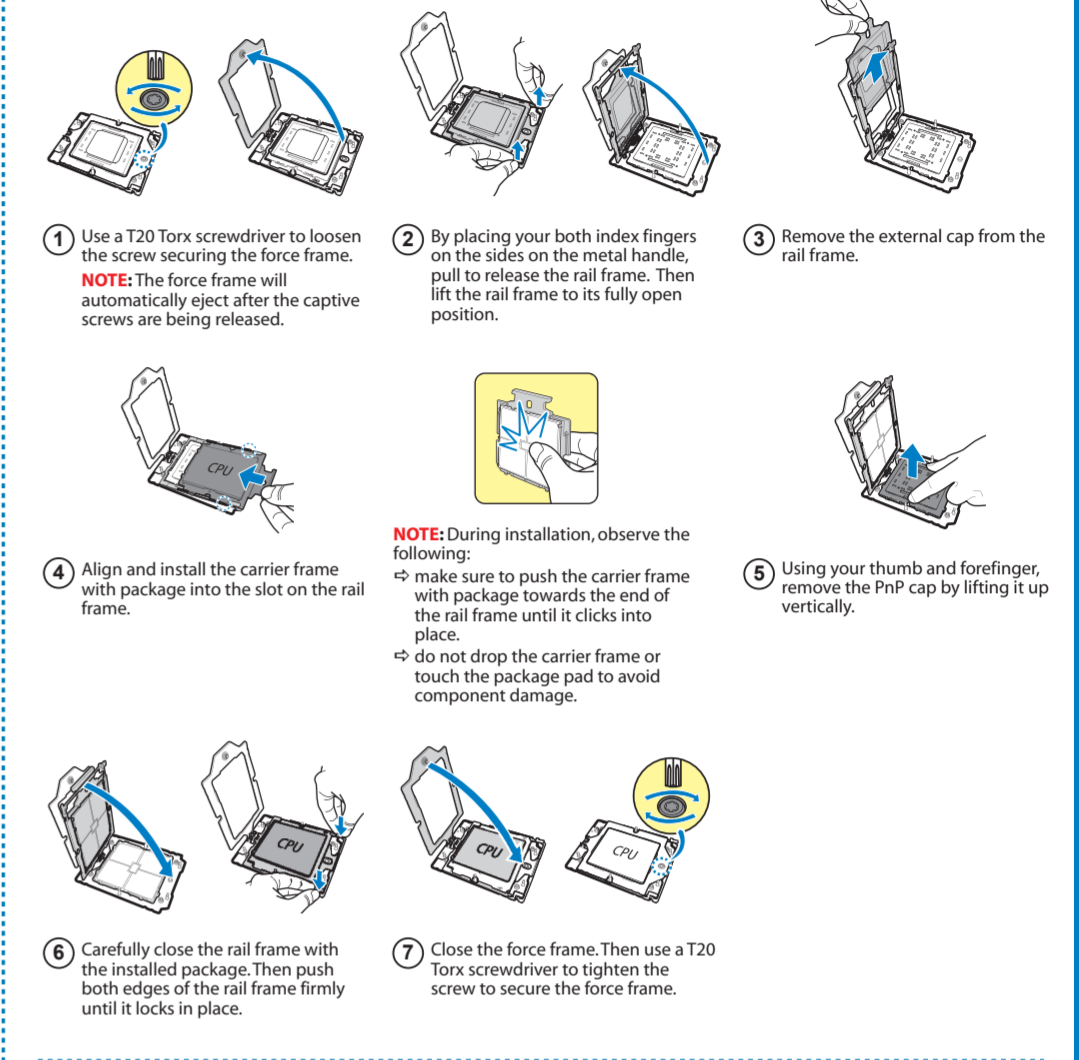
### Install the Front Hard Disk Drives (3.5" or 2.5")



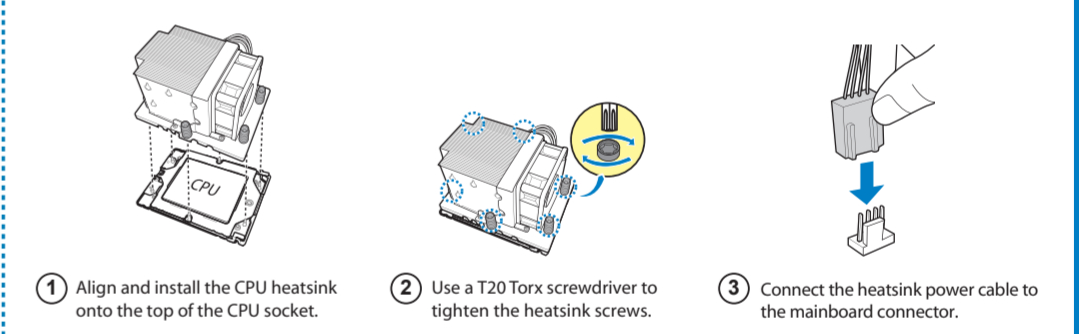
### Install the Front Hard Disk Drives (2.5")



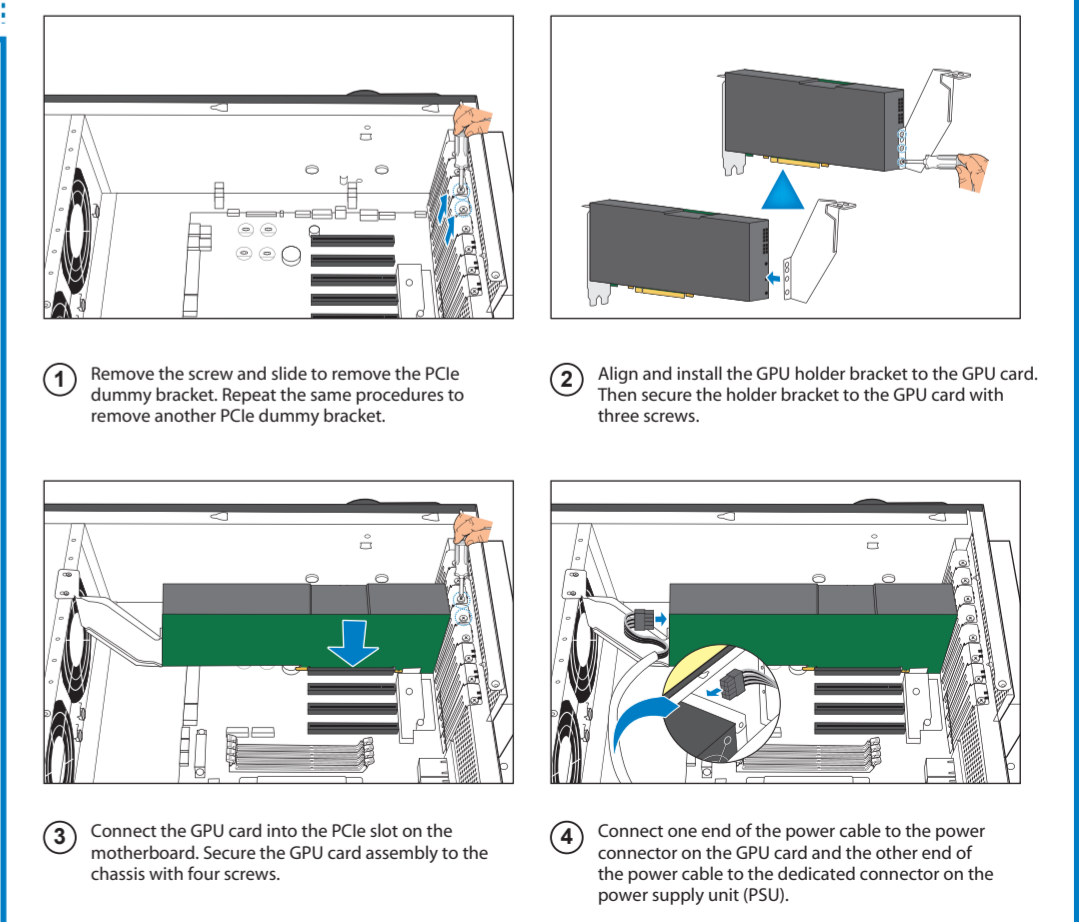
### Install the Processor



### Install the CPU Heatsink

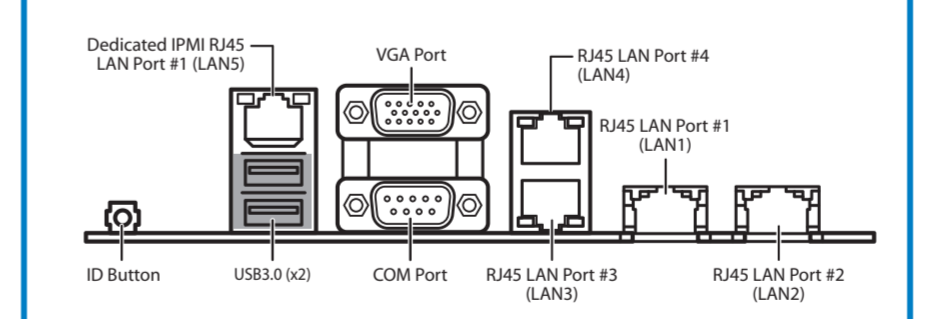


### Installing the Add-On card (Optional)



## 4 I/O Ports

### Locate the External I/O Port



## 5 Caution

### DOA/ RMA Reminder

**NOTE:** Please save and replace the PnP Cap when returning the server board for service.

