

Product overview

Product description and front, rear, and inside views

The logo for Lenovo, featuring the word "Lenovo" in a white, sans-serif font. The letters are vertically aligned and have a slight shadow effect. The background behind the text is a vertical gradient bar transitioning from green at the top to blue at the bottom.

ThinkEdge SE450 product overview

The SE450 (machine type: 7D8T) is a one-socket, 3rd Generation Intel® Xeon® Platinum processor-based IOT server. Its 2U height and short depth case mean it can be installed almost anywhere, including being hung on a wall, stacked on a shelf, or mounted in a rack.

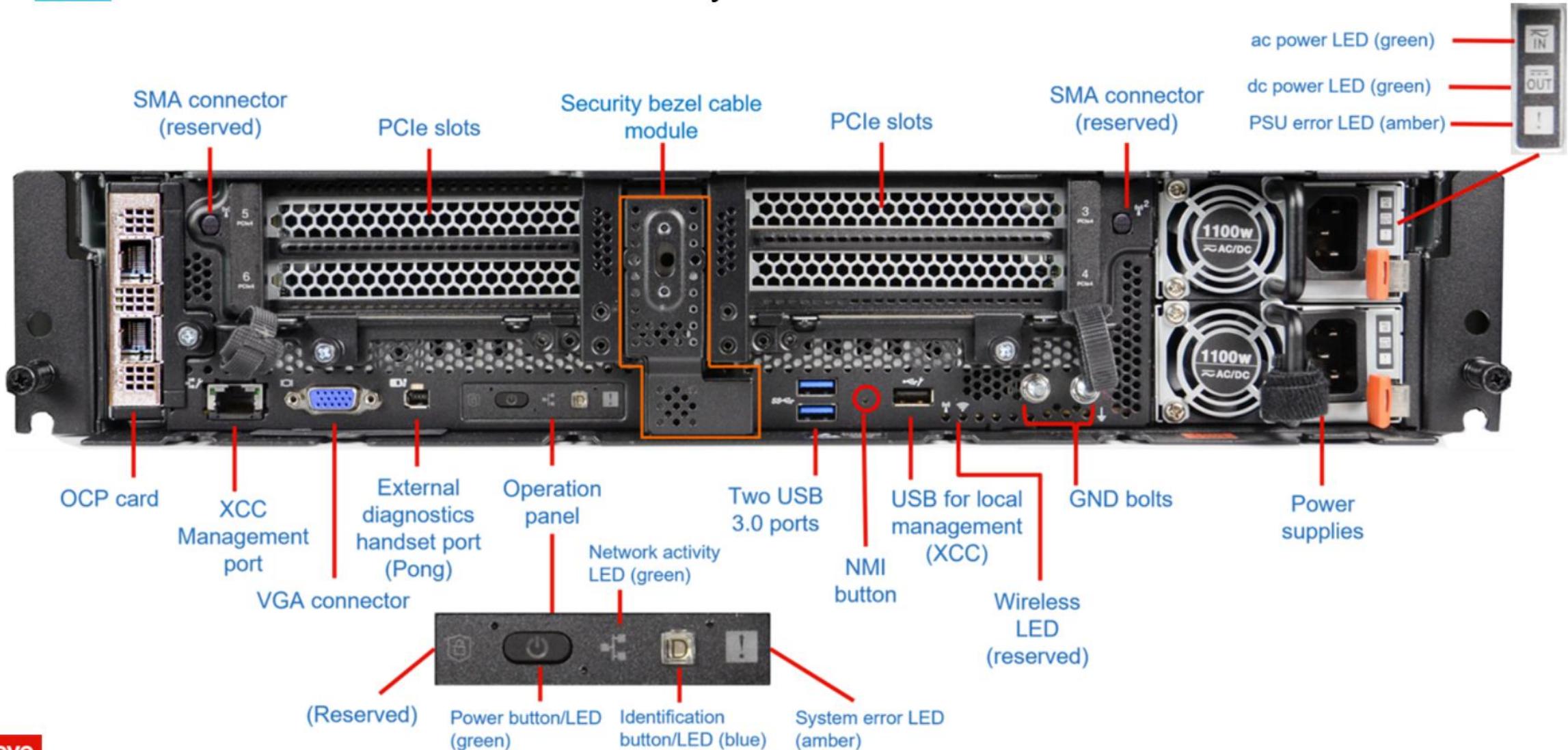
There will be two types of SE450: the SE450 Standard (the Security Pack is disabled, and it does not require activation) and the SE450 with the Security Pack. Currently, only the SE450 Standard is available. In addition, the wireless networking model is not available at this time.

The SE450 is available with a chassis depth of either 300 mm or 360 mm. Only the 360 mm depth model can support GPU adapters.



Front view – without a security bezel

Click [here](#) to see the front view with a security bezel.



Rear view

There are no connectors on the rear of the SE450 – all I/O connections are on the front.



Inside views

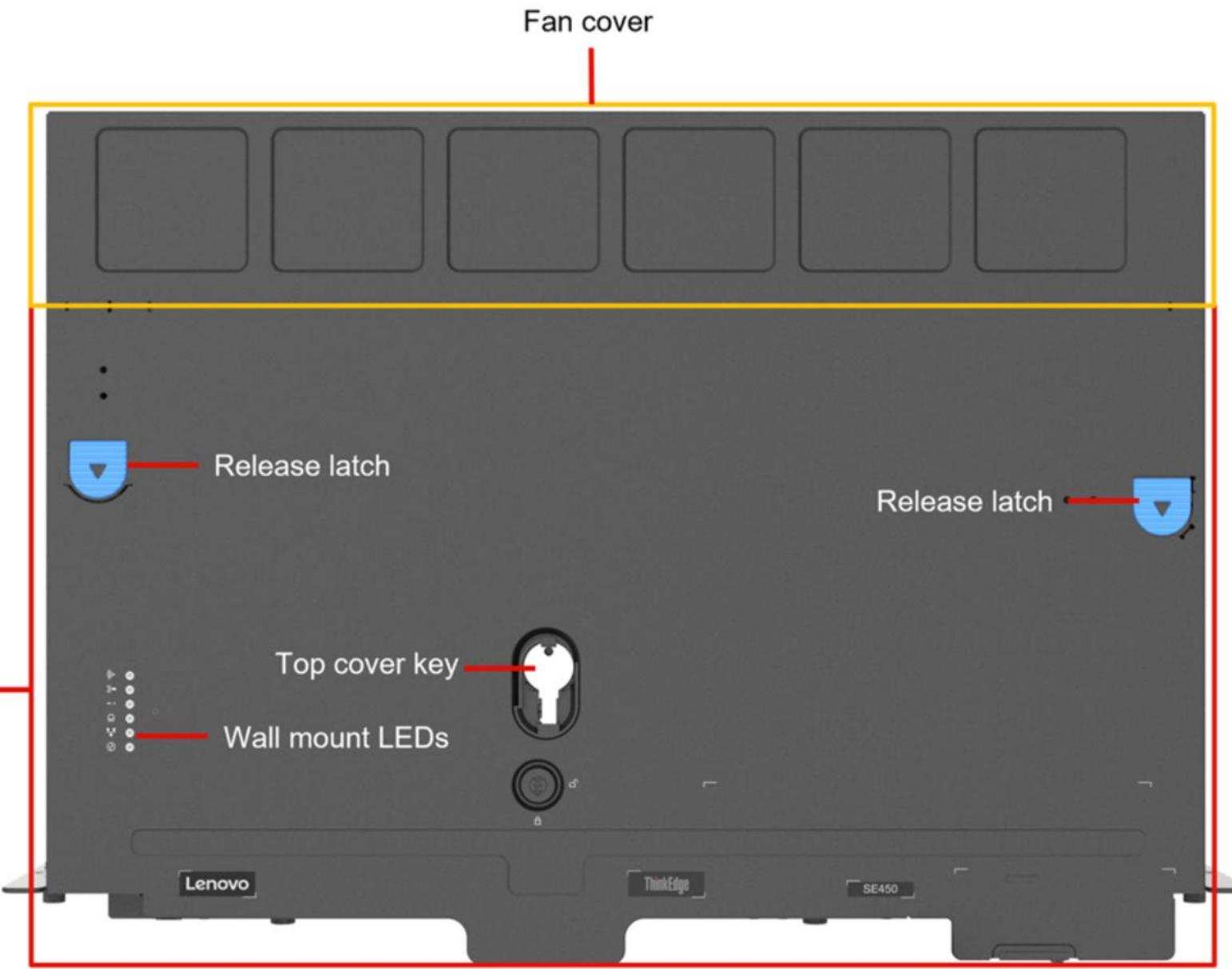
Click the buttons to see the different inside views.

Inside view
(300 mm)

Inside view
(360 mm)

Inside view without
the PCIe risers

Inside view without
PCIe risers and the
HDD cage



Inside views

Click the buttons to see the different inside views.

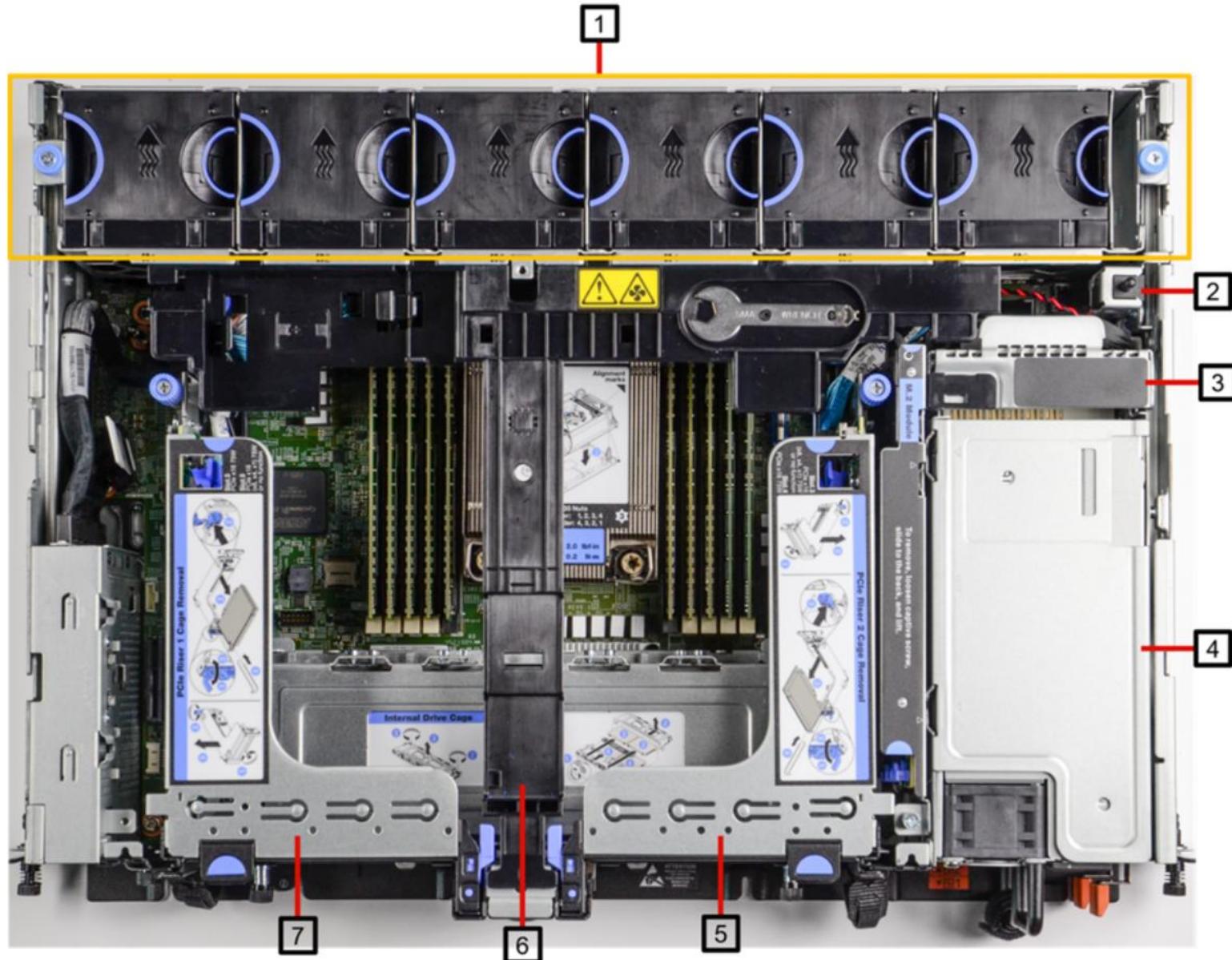
Inside view (300 mm)

Inside view (360 mm)

Inside view without the PCIe risers

Inside view without PCIe risers and the HDD cage

1. Fan cage and fans
2. Intrusion switch
3. Power backplane
4. Power supply unit (PSU)
5. Riser 2
6. Air baffle for the 300 mm chassis
7. Riser 1



Inside views

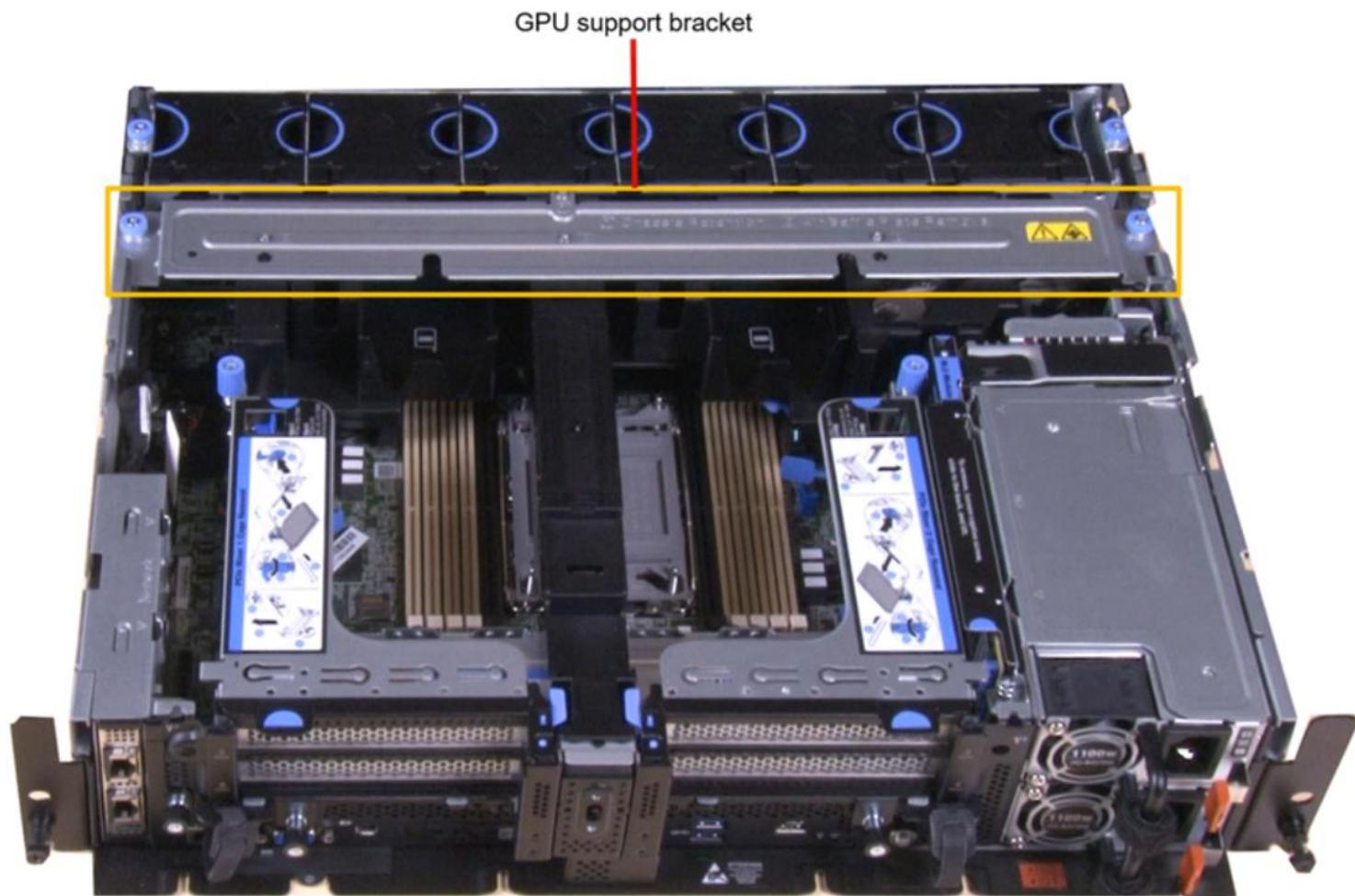
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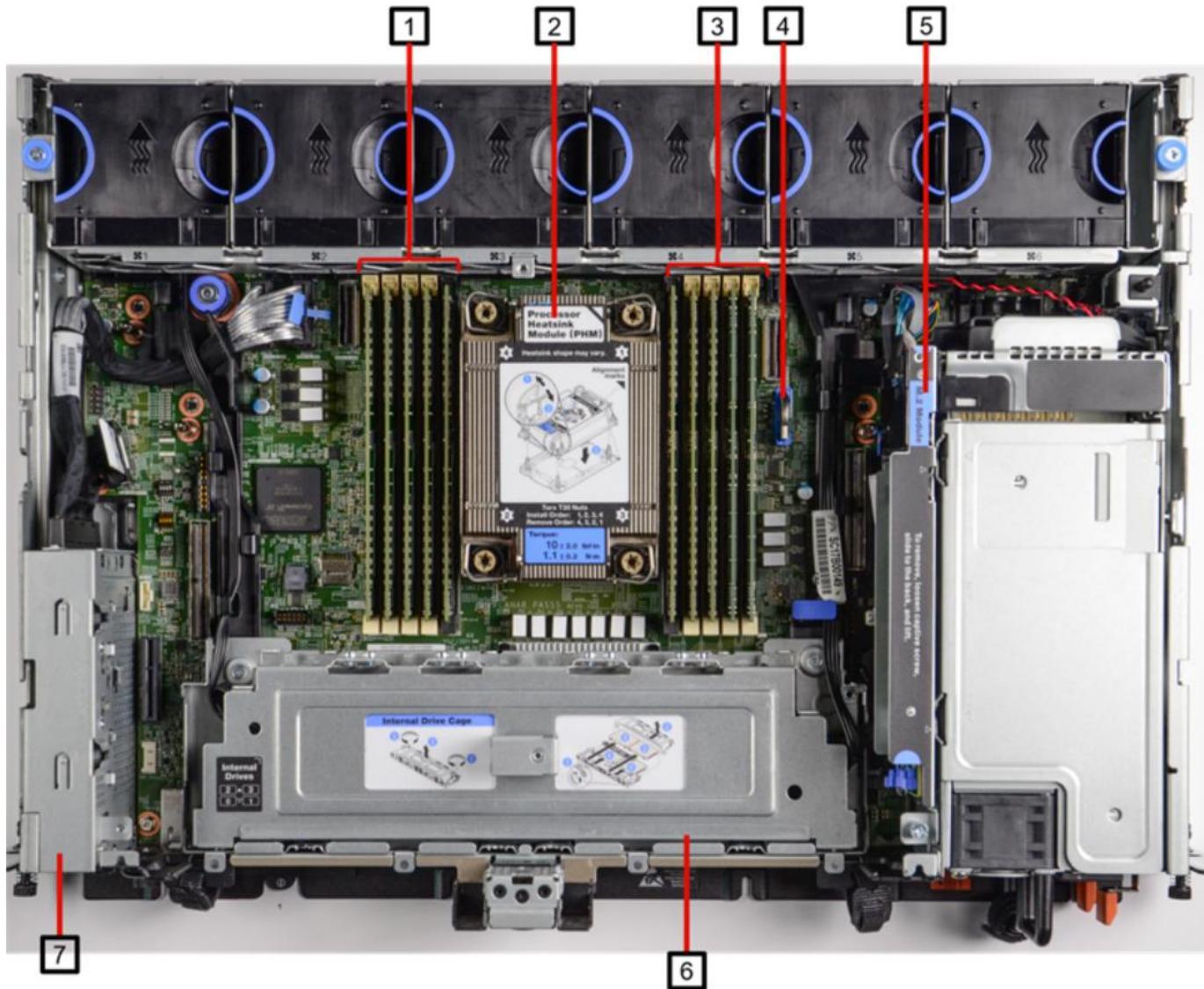
Inside view
(300 mm)

Inside view
(360 mm)

Inside view without
the PCIe risers

Inside view without
PCIe risers and the
HDD cage

1. DIMM slots 6 to 10
2. Processor and heatsink module (PHM)
3. DIMM slots 1 to 5
4. CMOS battery (CR2032)
5. M.2 boot adapter
6. Simple-swap drive (HDD) cage
7. OCP adapter cage



Inside views

Click the buttons to see the different inside views.

Inside view
(300 mm)

Inside view
(360 mm)

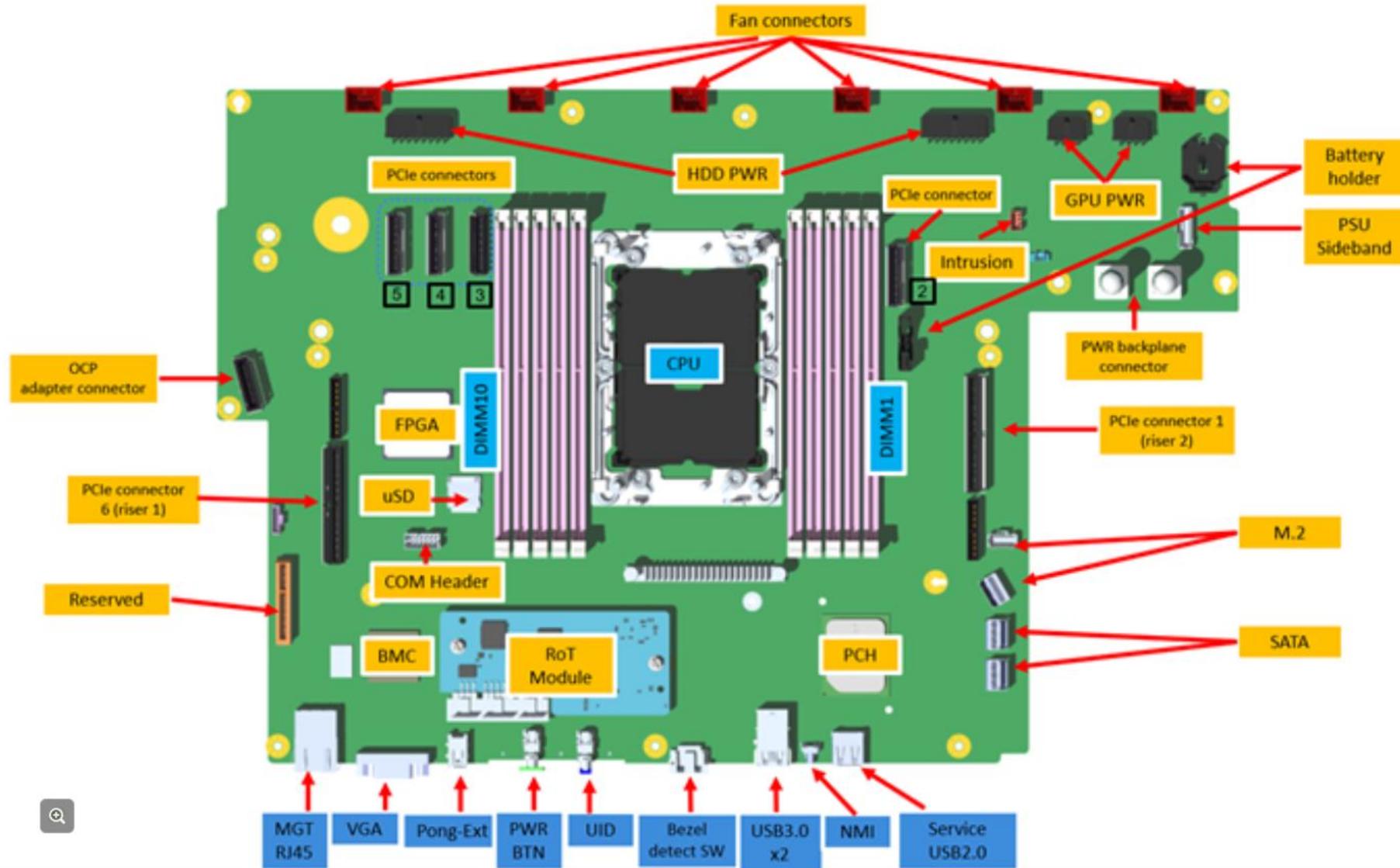
Inside view without
the PCIe risers

Inside view without
PCIe risers and the
HDD cage



Firmware and TPM 2.0 Security Module

System board connectors



SE450 exploded view

