

Product overview

Product description and front, rear, and inside views



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.

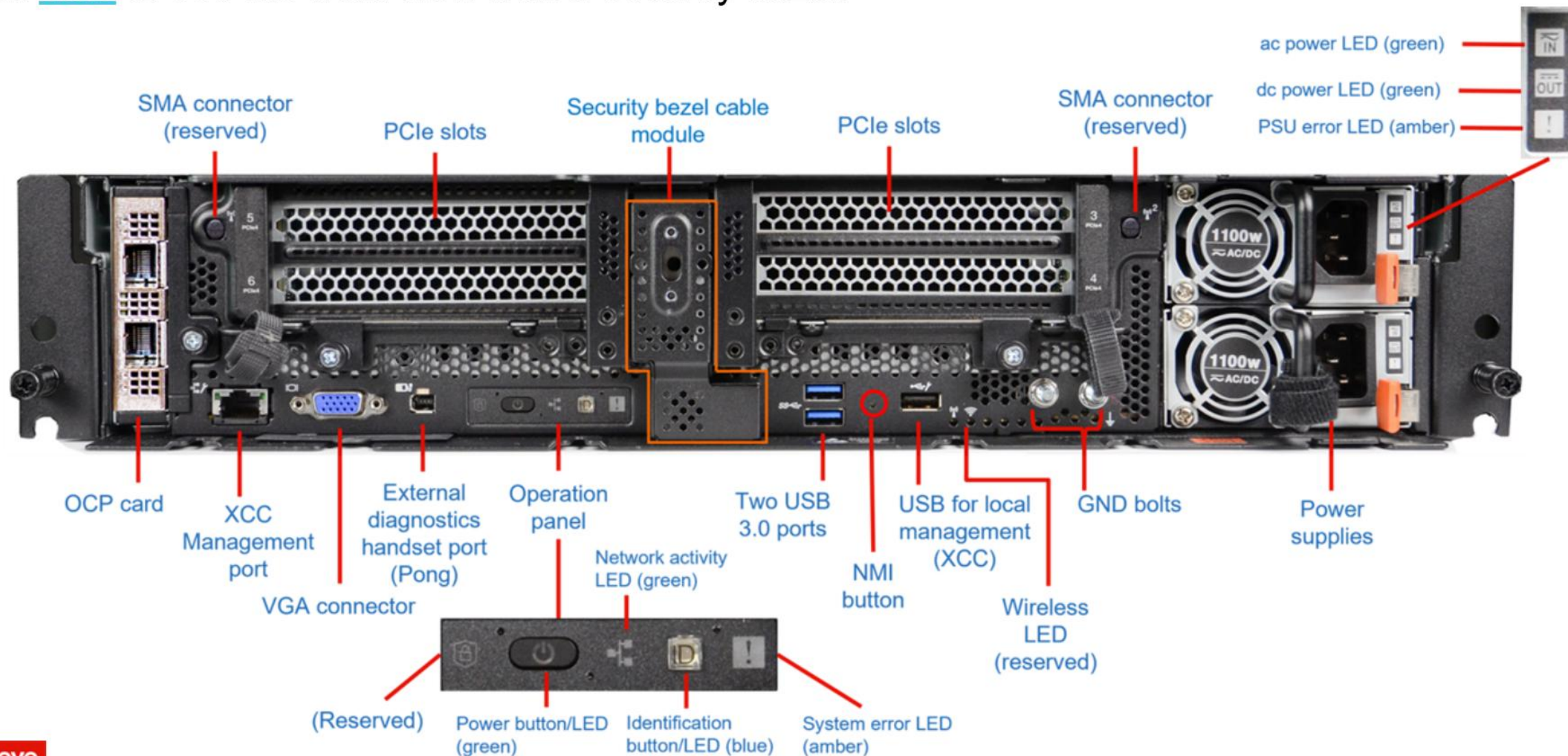
There will be two types of SE450: the SE450 Standard (the Security Pack is disabled, and it does not require activation) and the SE450 with the Security Pack. Currently, only the SE450 Standard is available. In addition, the wireless networking model is not available at this time.

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

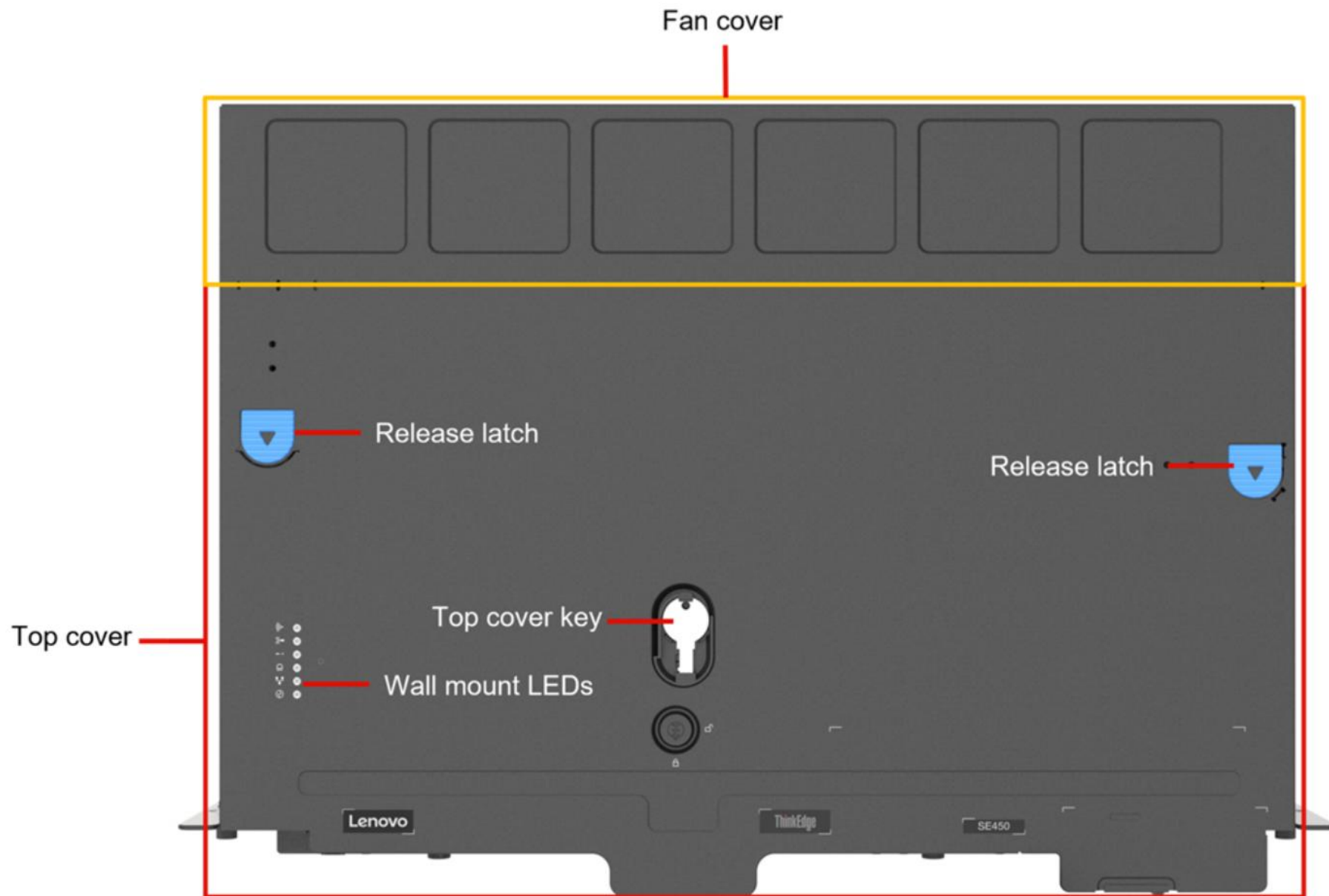
Click the buttons to see the different inside views.

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.

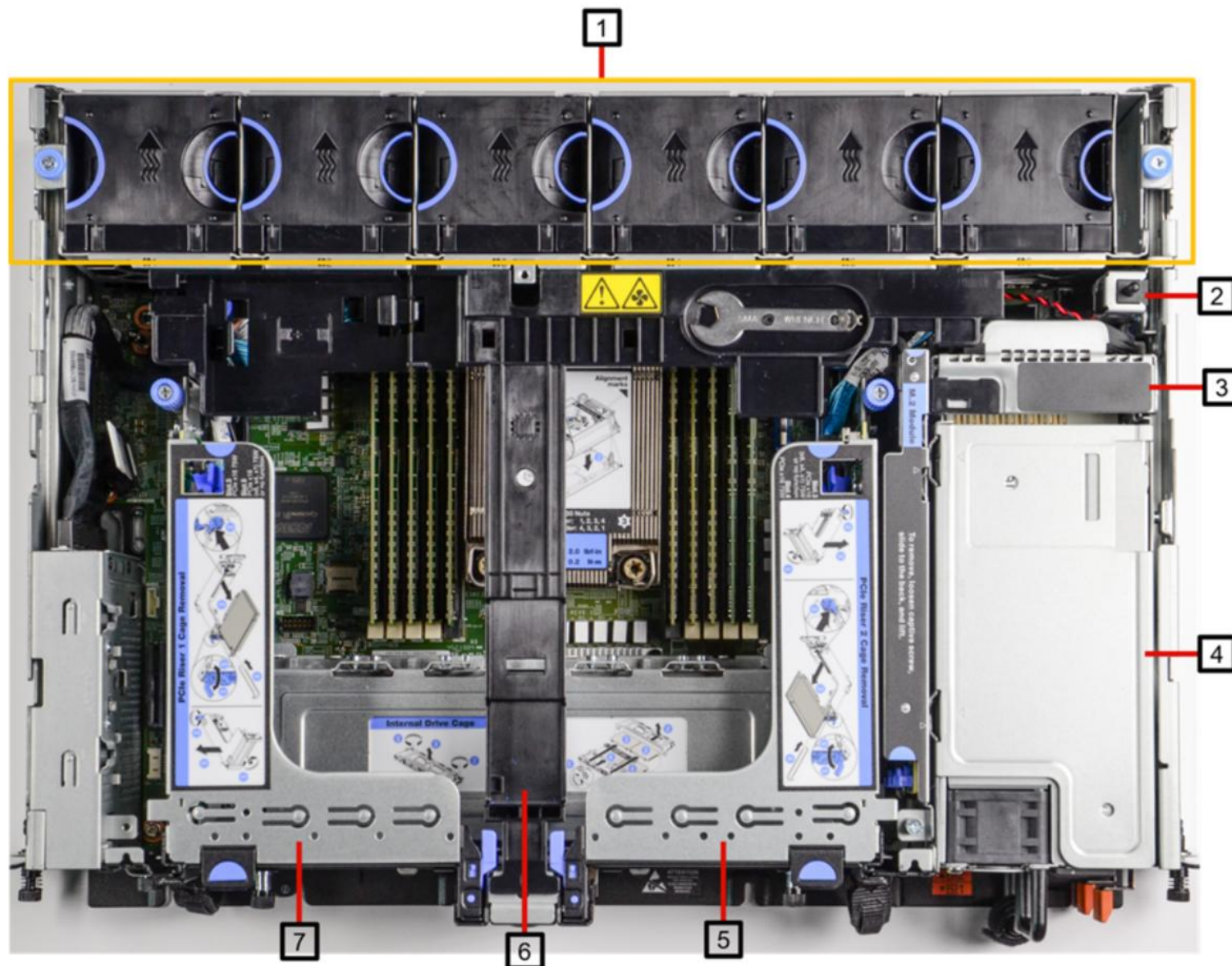
Inside view
(300 mm)

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

Click the buttons to see the different inside views.

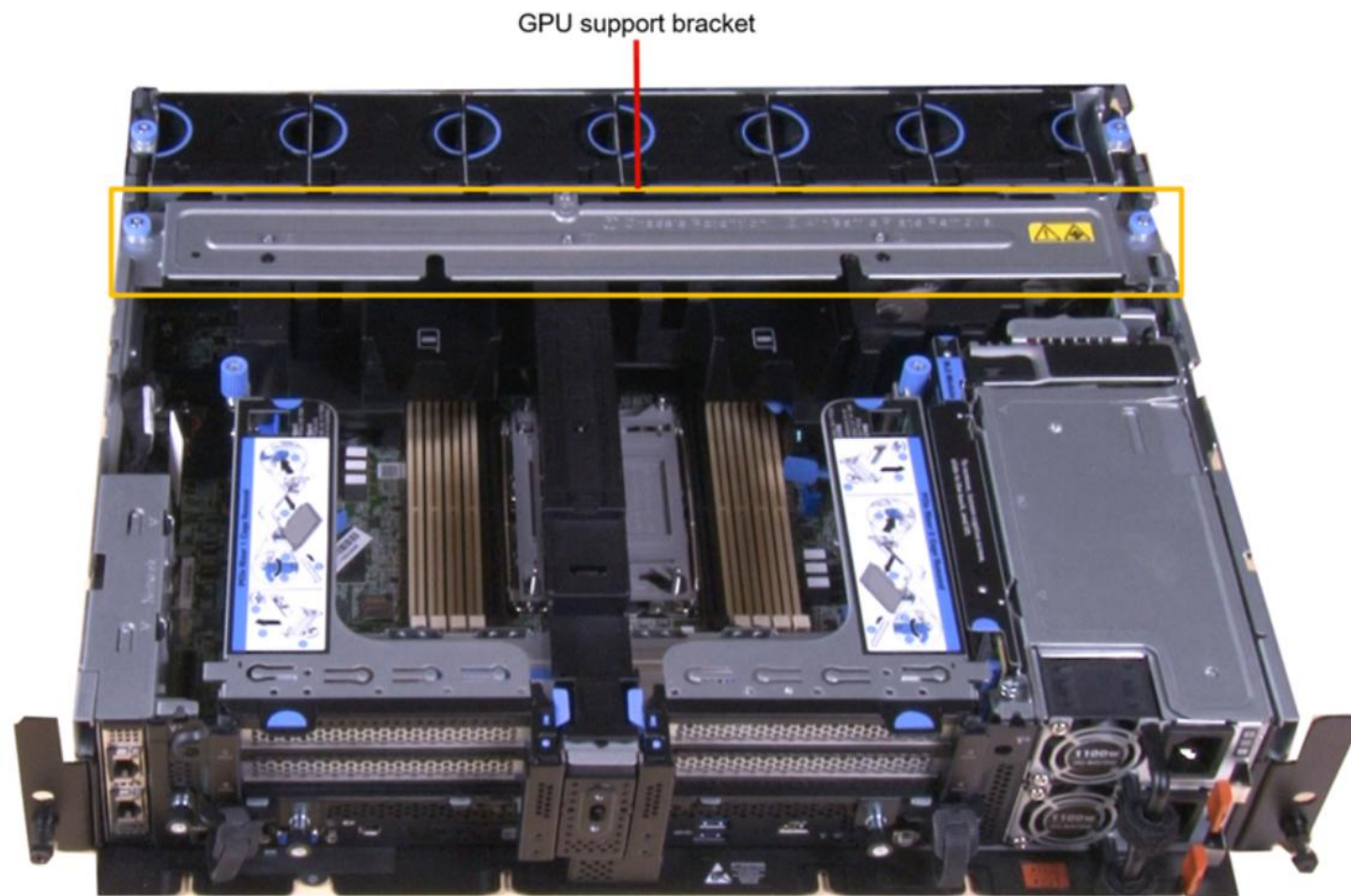
Inside view
(300 mm)

Inside view
(360 mm)

Inside view without
the PCIe risers

Inside view without
PCIe risers and the
HDD cage

The major difference from the 300 mm chassis is that the 360 mm version has a GPU support bracket on the air baffle to support GPU adapter installation.



Inside views

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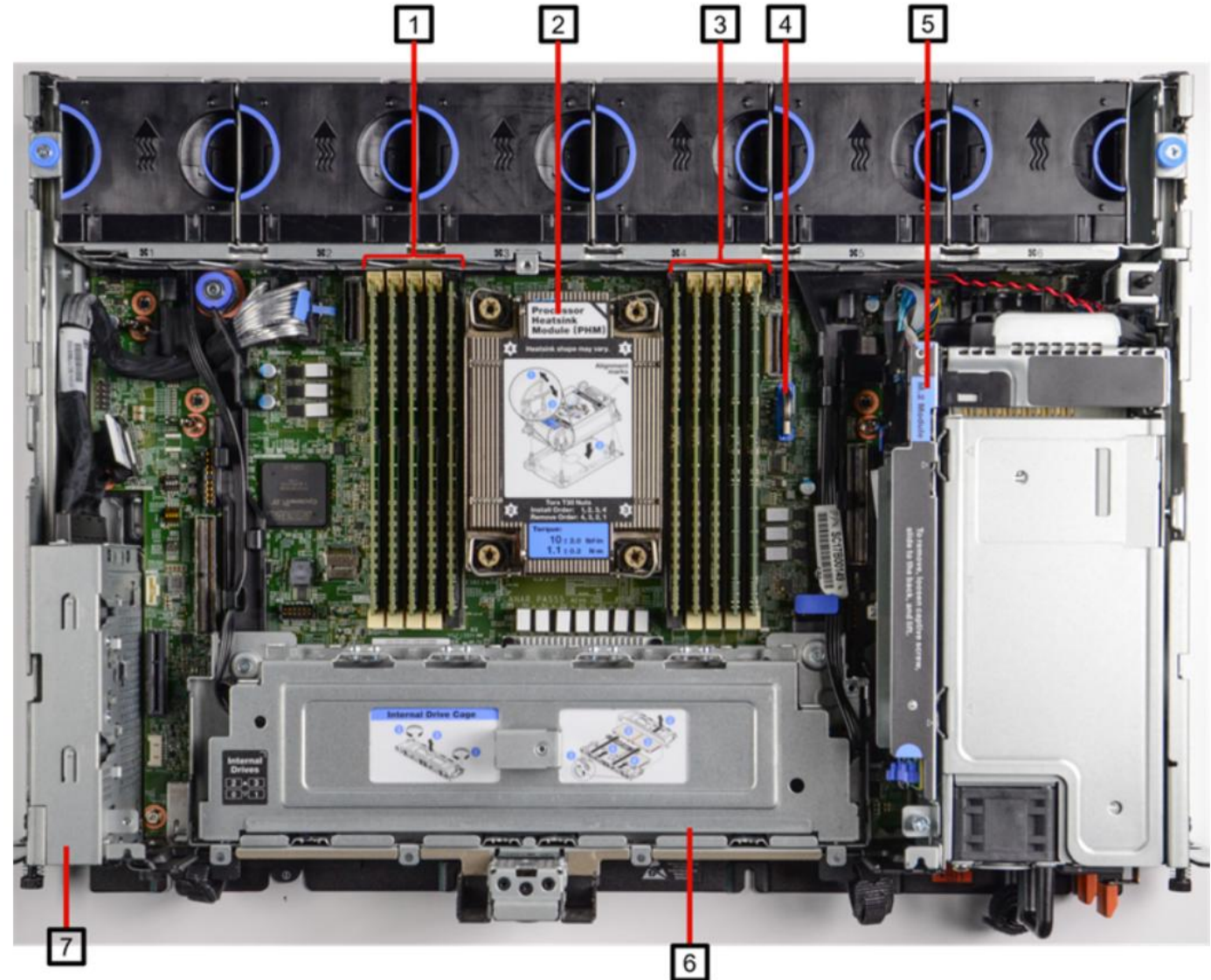
Inside view
(300 mm)

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.

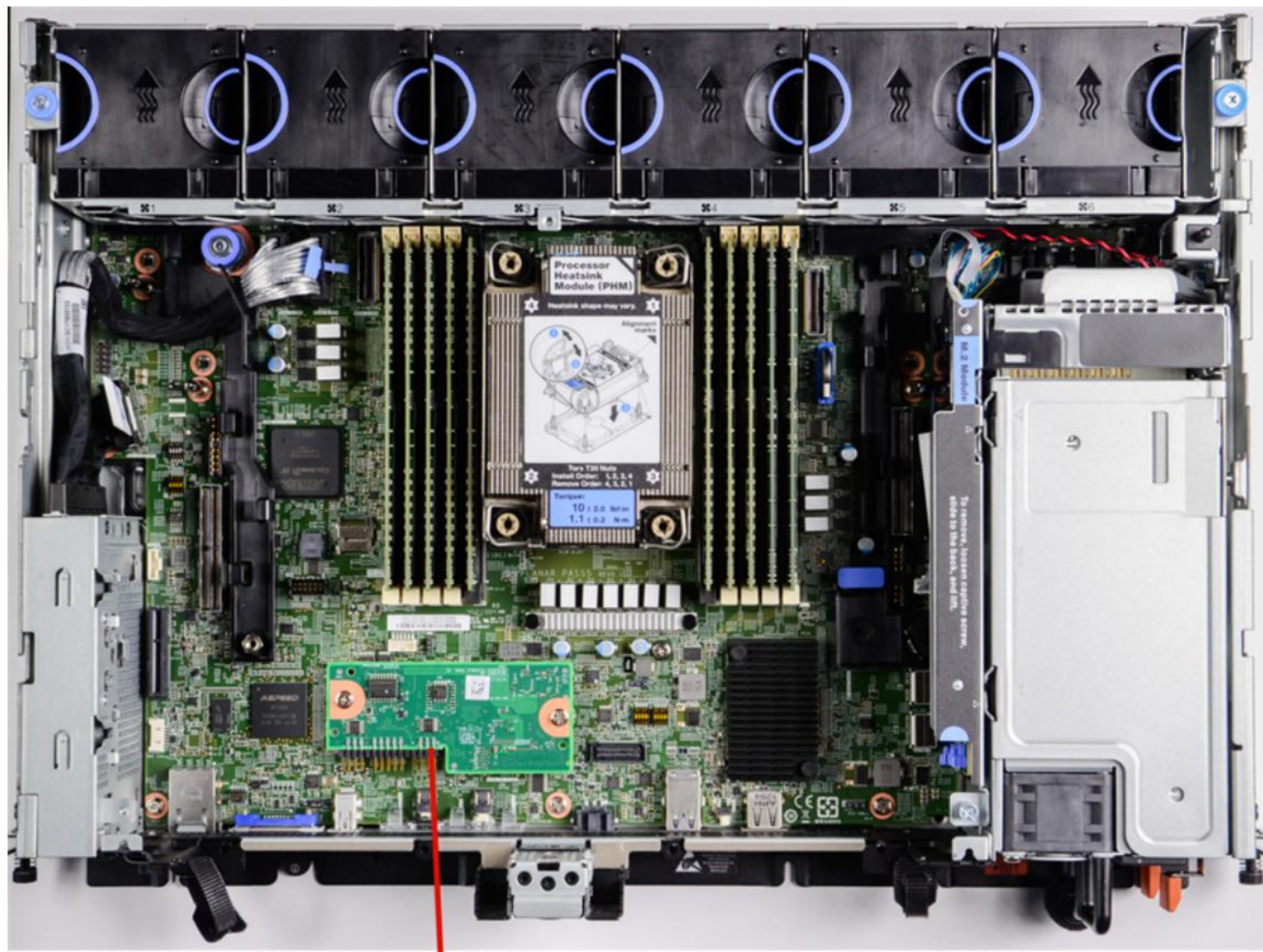
Inside view
(300 mm)

Inside view
(360 mm)

Inside view without
the PCIe risers

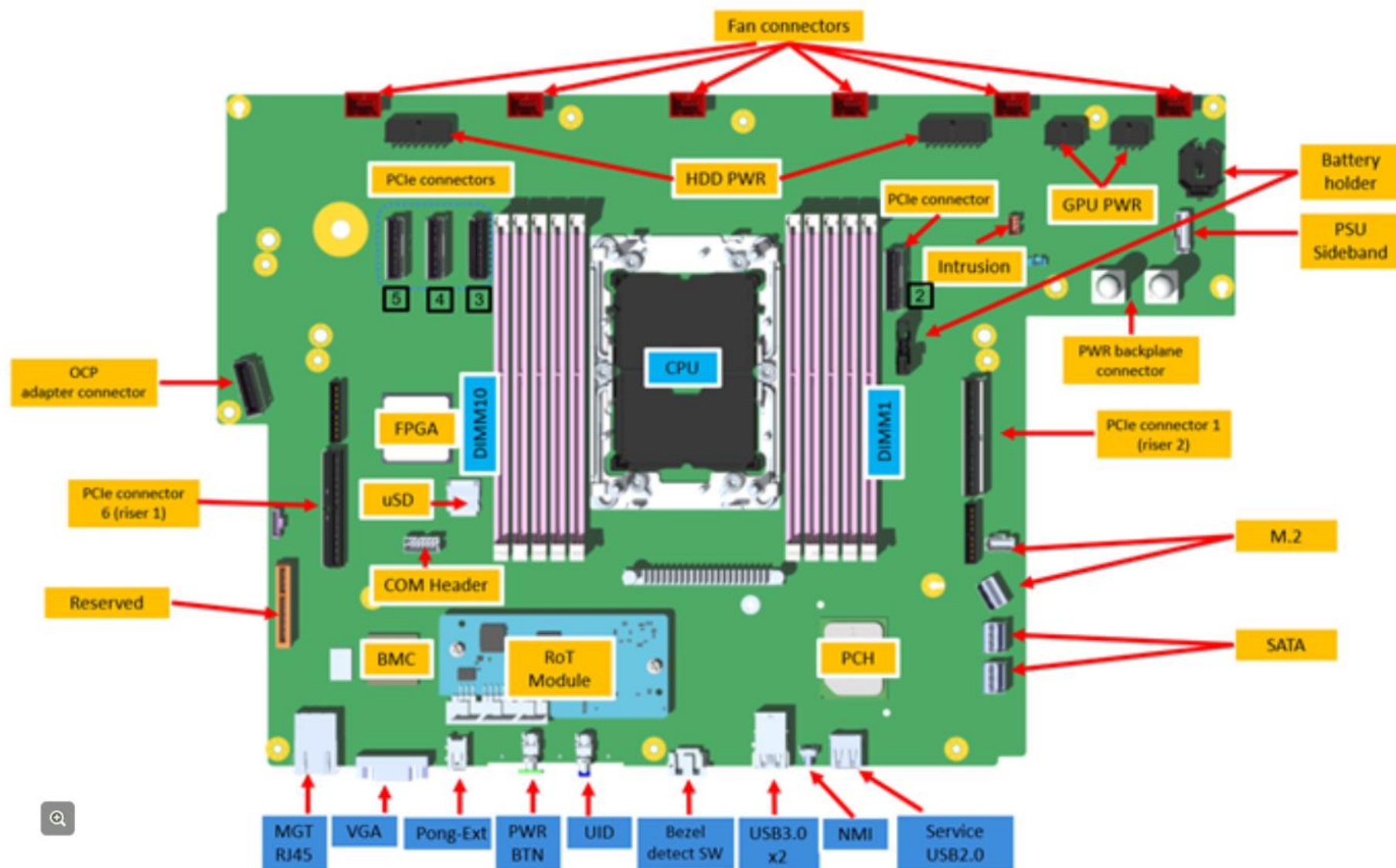
Inside view without
PCIe risers and the
HDD cage

The Firmware and TPM 2.0 Security Module is located under the simple-swap drive cage.



Firmware and TPM 2.0 Security Module

System board connectors



SE450 exploded view

