



Overview

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Overview

The Cisco UCS X10c Pass Through Controller for E3.S drives is a passive PCIe Gen 5 front mezzanine option for Cisco UCS X-Series compute nodes.

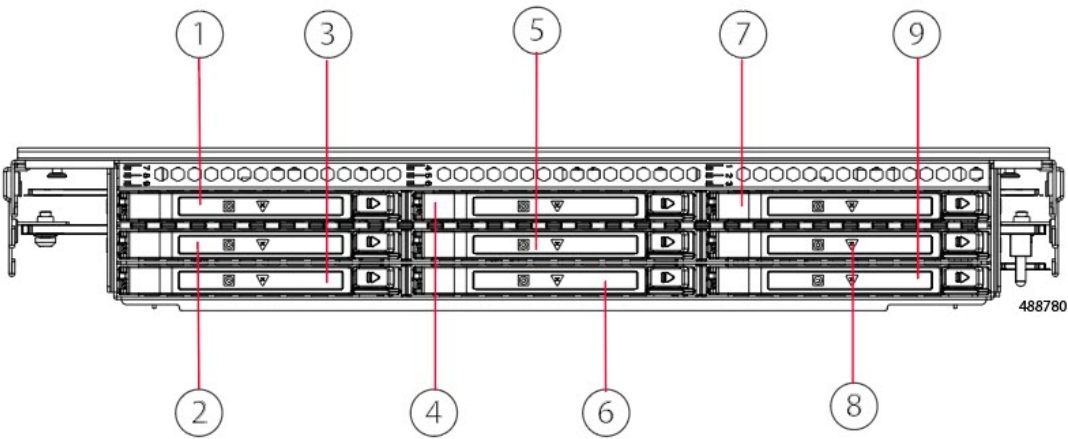
Each Cisco UCS X10c front mezzanine drives module consists of the following components:

- Nine E3.S 1T PCIe5 drives.

Front mezzanine E3.S module

The front mezzanine E3.S module supports up to nine E3.S PCIe drives.

The following illustration shows the location of the drives.



1	E3.S drive slot 1
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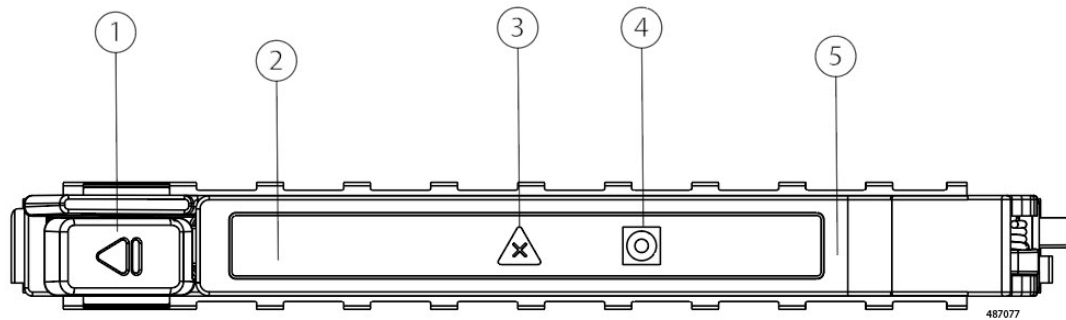
2	E3.S drive slot 2
3	E3.S drive slot 3
4	E3.S drive slot 4
5	E3.S drive slot 5
6	E3.S drive slot 6
7	E3.S drive slot 7
8	E3.S drive slot 8
9	E3.S drive slot 9

Drive Bays

Each front mezzanine ES.3 module has a front mezzanine can support a maximum of nine 7.5mm E3.S 1TB PCIe5 drives. A drive blank panel (UCSC-E3S1T-F) must cover any empty drive bays.

Drives and Drive LEDs



Each E3.S drive is a front-loading drive that slides into and out of the front mezzanine module's storage cage.



1	Ejector Button	2	E3.S Drive
3	Drive Status LED	4	Drive Activity LED
5	E3.S Drive Carrier		

Each E3.S drive also has LEDs that indicate drive health and activity.

Table 1: Drive LEDs, NVMe (VMD Enabled)

Green Activity/Presence LED 	Amber Blue Status/Fault LED 	Description
Off	Off	Drive not present or drive powered off
On	Off	Drive present, but no activity
4HZ	Off	Drive present and drive activity
On	Blue, 4HZ	Drive Locate indicator or drive prepared for physical removal
On	Amber ON	Failed or faulty drive
On	Amber, 1Hz	Drive Rebuild

