High-Volume. High-Speed. High-Performance.

While some portable systems do offer RAID capabilities, the number of available drives and subsequent RAID options are very limited.
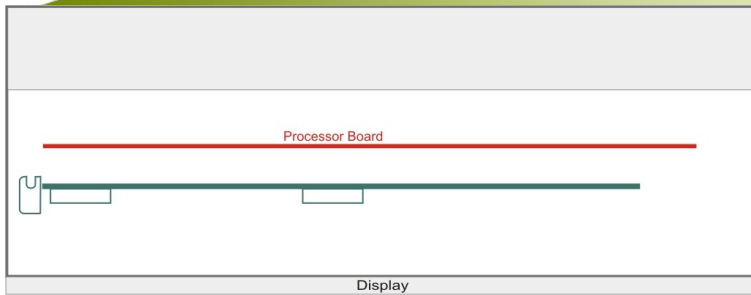
All NextComputing systems are designed for maximum storage flexibility. Whether used as a mobile personal workstation, portable appliance, or rackmount server, the architecture of our systems supports a large number of fixed and hot-swappable internal hard drives as well as a variety of RAID configurations.

The NextDimension Evo Plus offers an unprecedented amount of storage space for a portable system, plus a selection of RAID 0 / 1 / 0+1 / 5 configurations via an on-board RAID controller or plug-in PCI Express and PCI-X RAID controllers.

If your applications require high-capacity, high-performance, or complex RAID storage configurations in portable, rackmount, or other form factors, we have your ideal solution.
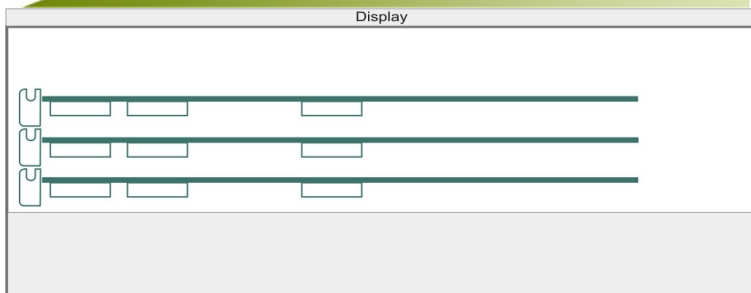
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Rev 1.3– 10/13

4-Slot Midplane PCI Configuration

Upper Bay

Processor Board

Display

4-Slot PCI Configurations

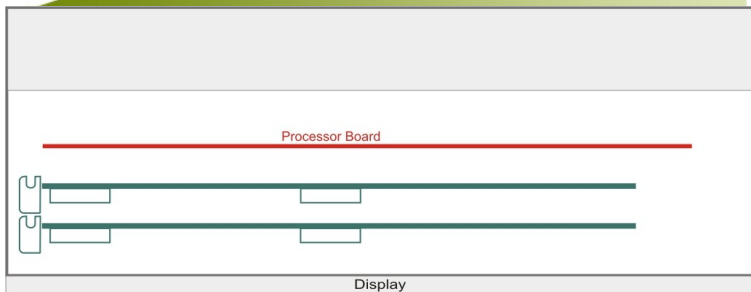| Slot Label	With MXM Graphics	With Graphics Card (no MXM Graphics)	With Graphics Card (no MXM Graphics) No On-Board SAS
1P	PCIe x4	PCIe x4	PCIe x4

Lower Bay

Display

4-Slot PCI Configurations

Slot Label	With MXM Graphics	With Graphics Card (no MXM Graphics)	With Graphics Card (no MXM Graphics) No On-Board SAS
1	PCIe x8	PCIe x8	PCIe x8
2	N/A	PCIe x4	PCIe x8
3	PCIe x8	PCIe x8	PCIe x8

6-Slot Midplane PCI Configuration A

Upper Bay
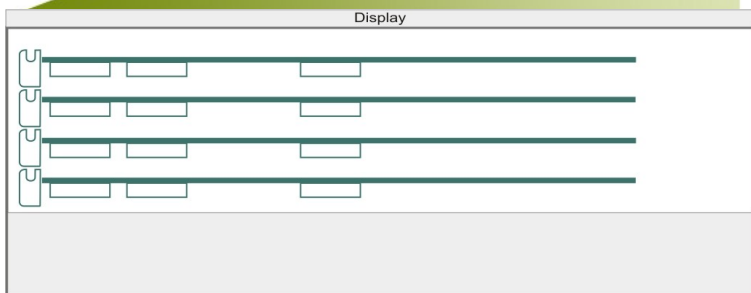
Processor Board

Display

6-Slot PCI Configurations

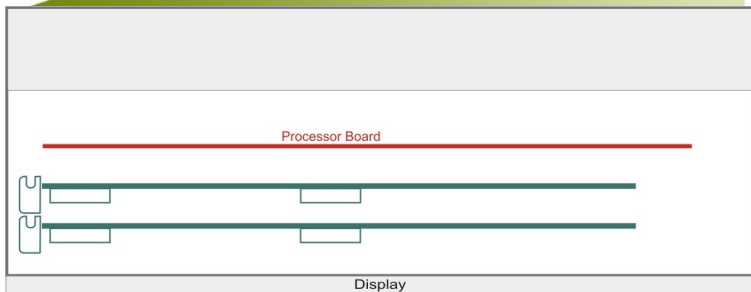| Slot Label	With MXM Graphics	With Graphics Card (no MXM Graphics)	With Graphics Card (no MXM Graphics) No On-Board SAS
2P	PCI-X	PCI-X	PCI-X
1P	PCIe x4	PCIe x4	PCIe x4

Lower Bay

Display

6-Slot PCI Configurations

Slot Label	With MXM Graphics	With Graphics Card (no MXM Graphics)	With Graphics Card (no MXM Graphics) No On-Board SAS
1	PCIe x8	PCIe x8	PCIe x8
2	PCIe x8	PCIe x8	PCIe x8
3	N/A	N/A	N/A
4	N/A	PCIe x4	PCIe x8

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6-Slot Midplane PCI Configuration B

Upper Bay
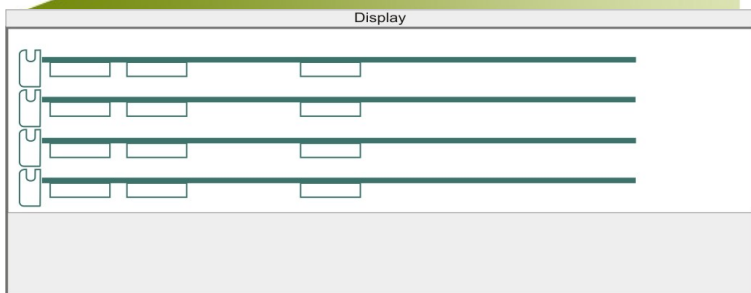
Processor Board

Display

6-Slot PCI Configurations

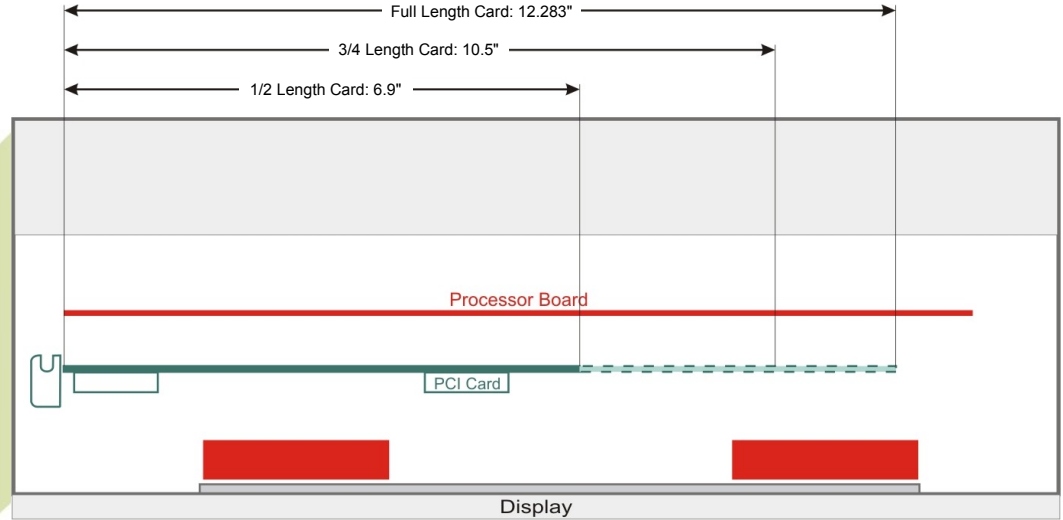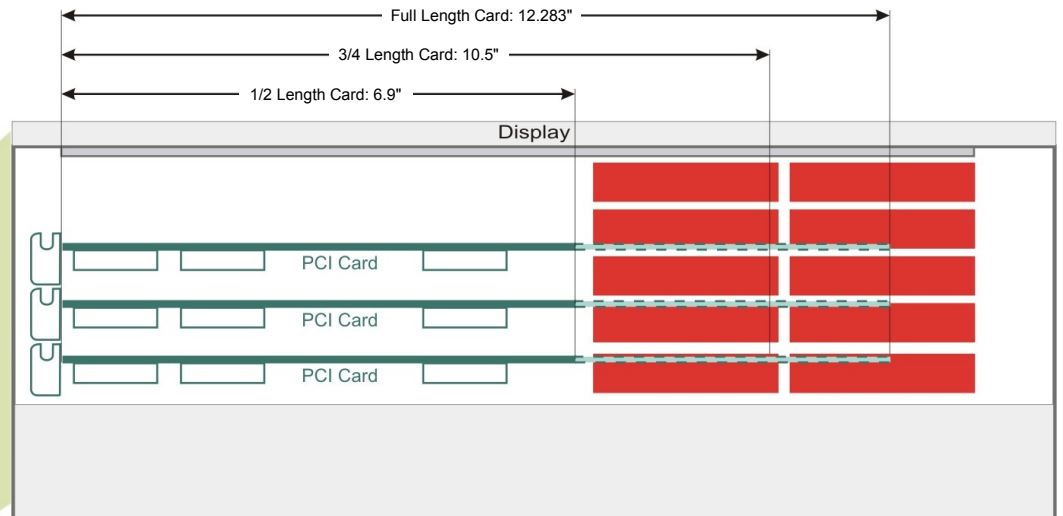| Slot Label	With MXM Graphics	With Graphics Card (no MXM Graphics)	With Graphics Card (no MXM Graphics) No On-Board SAS
2P	PCI-X	PCI-X	PCI-X
1P	PCIe x4	PCIe x4	PCIe x4

Lower Bay

Display

6-Slot PCI Configurations

Slot Label	With MXM Graphics	With Graphics Card (no MXM Graphics)	With Graphics Card (no MXM Graphics) No On-Board SAS
1	N/A	N/A	N/A
2	PCIe x16	PCIe x16	PCIe x16
3	N/A	N/A	N/A
4	N/A	PCIe x4	PCIe x8

6G SATA/SAS Drives - 4-Slot Midplane

Full Length Card: 12.283"

3/4 Length Card: 10.5"

1/2 Length Card: 6.9"

Processor Board

PCI Card

Display

4-slot midplane supports up to (2) **6G SATA or SAS drives** (up to 1.2TB each) in upper bay

(Depending on PCI and IO configurations. For more information, consult your sales engineer)

Note: Alternately, the upper storage area ("processor bay") can also be used for two additional quick-time removable drives.

Full Length Card: 12.283"

3/4 Length Card: 10.5"

1/2 Length Card: 6.9"
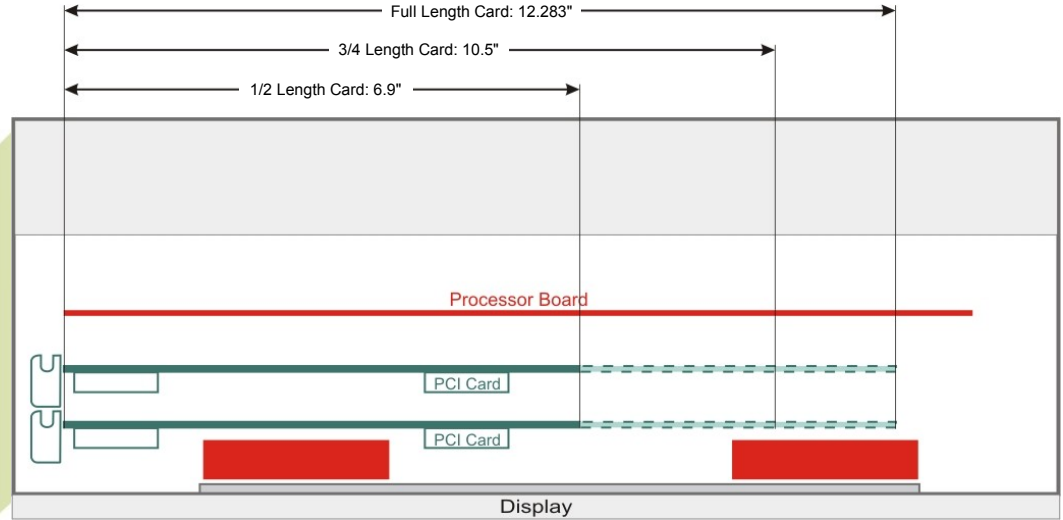
Display

PCI Card

PCI Card

PCI Card

4-slot midplane supports up to (10) **6G SATA or SAS drives** (up to 1.2TB each) in lower bay

(Depending on PCI and IO configurations. For more information, consult your sales engineer)

6G SATA/SAS Drives - 6-Slot Midplane

Full Length Card: 12.283"
3/4 Length Card: 10.5"
1/2 Length Card: 6.9"

Processor Board

PCI Card
PCI Card

Display

6-slot midplane supports up to (2) **6G SATA or SAS drives** (up to 1.2TB each) in upper bay

(Depending on PCI and IO configurations. For more information, consult your sales engineer)

Note: Alternately, the upper storage area ("processor bay") can also be used for two additional quick-time removable drives.
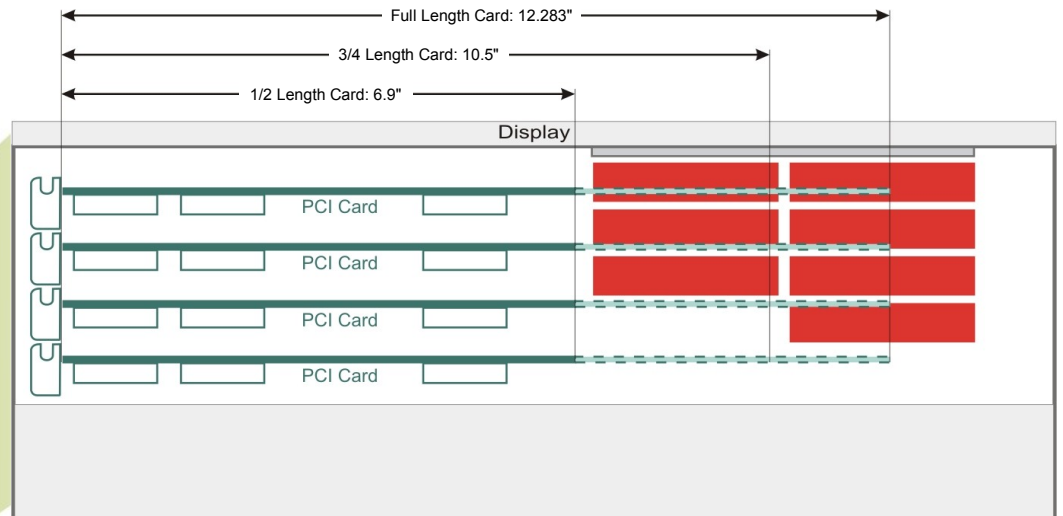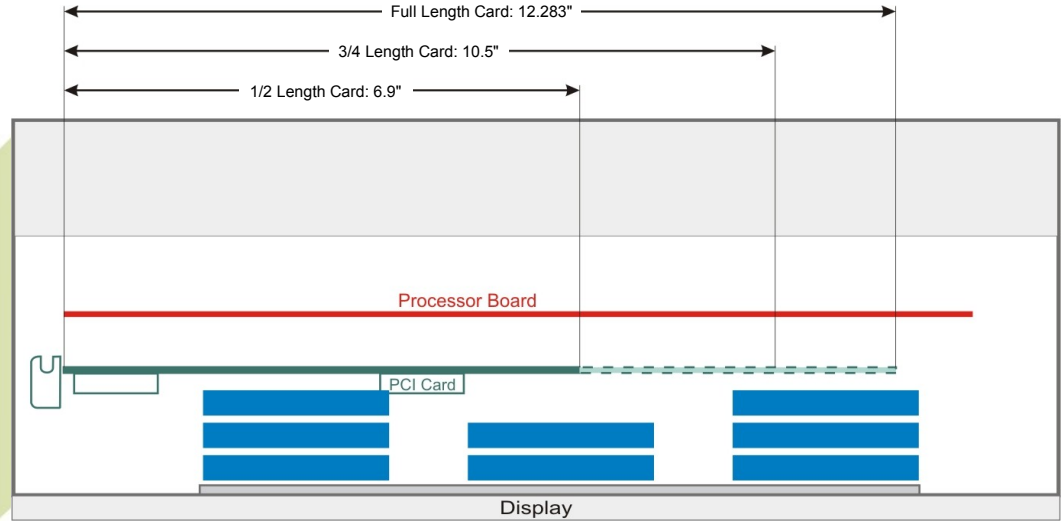
Full Length Card: 12.283"
3/4 Length Card: 10.5"
1/2 Length Card: 6.9"

Display

PCI Card
PCI Card
PCI Card
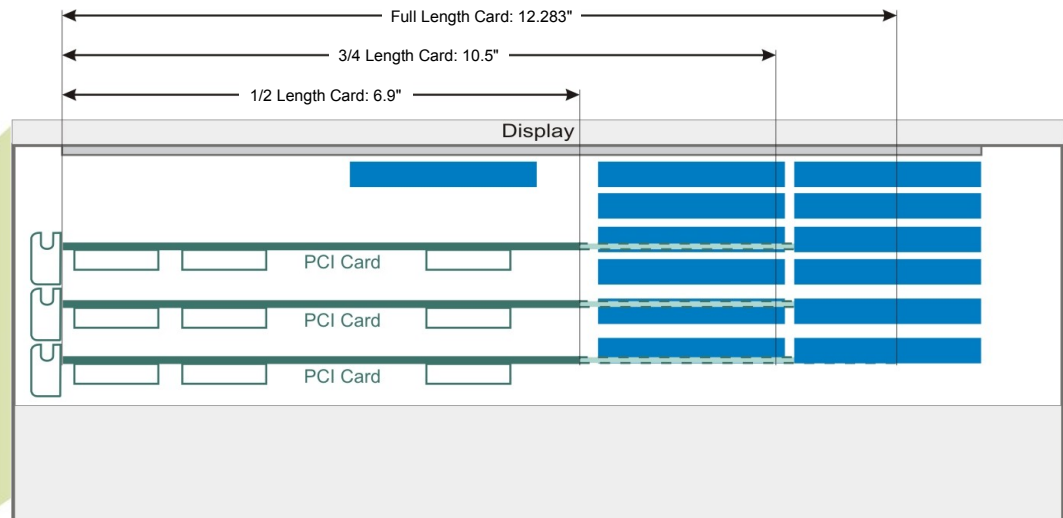PCI Card

6-slot midplane supports up to (7) **6G SATA or SAS drives** (up to 1.2TB each) in lower bay

(Depending on PCI and IO configurations. For more information, consult your sales engineer)

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Solid State Drives - 4-Slot Midplane

Full Length Card: 12.283"

3/4 Length Card: 10.5"

1/2 Length Card: 6.9"

Processor Board

PCI Card

Display

4-slot midplane supports up to (8) **Solid State drives** (up to 960GB each) in upper bay

(Depending on PCI and IO configurations. For more information, consult your sales engineer)

Note: Alternately, the upper storage area ("processor bay") can also be used for two additional quick-time removable drives.

Full Length Card: 12.283"

3/4 Length Card: 10.5"

1/2 Length Card: 6.9"
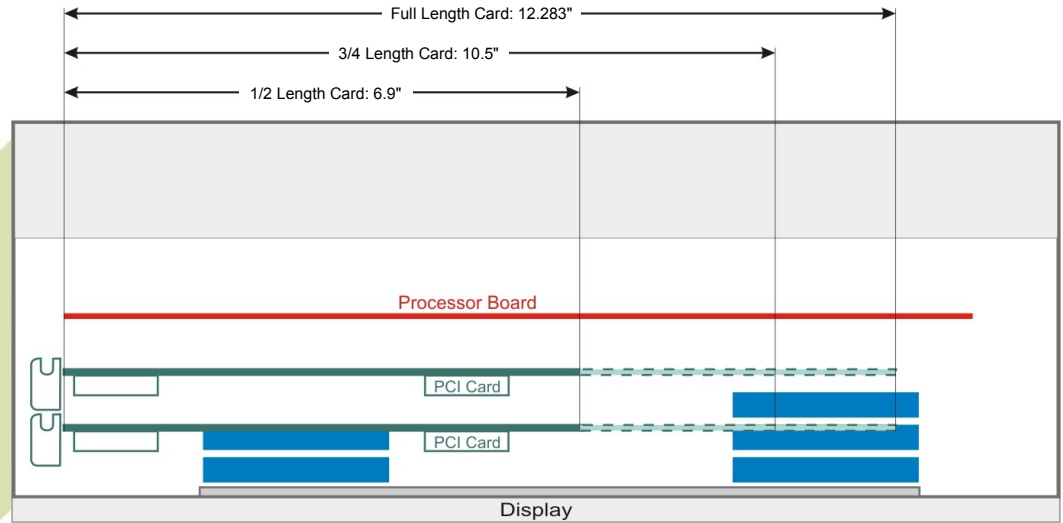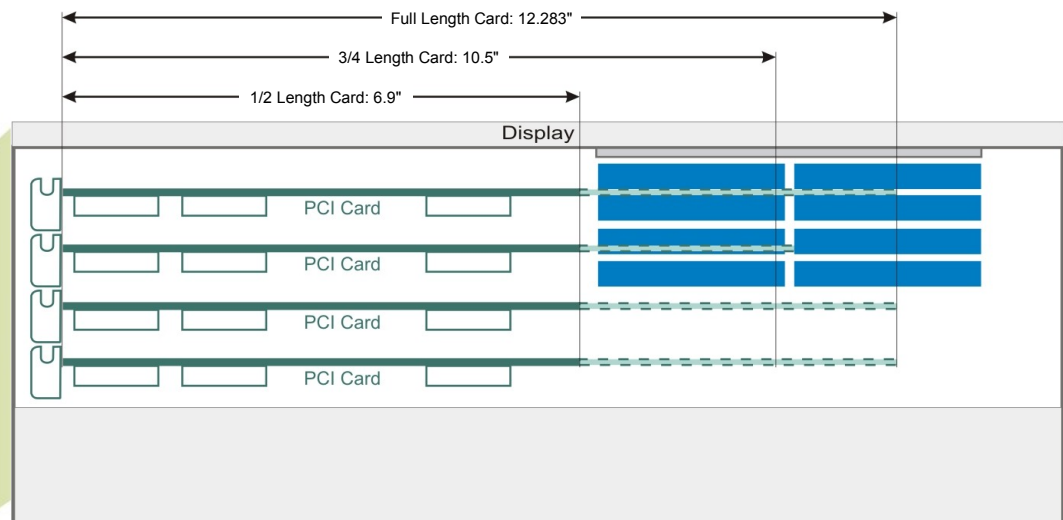
Display

PCI Card

PCI Card

PCI Card

4-slot midplane supports up to (13) **Solid State drives** (up to 960GB each) in lower bay

(Depending on PCI and IO configurations. For more information, consult your sales engineer)

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Rev 1.3– 10/13

Solid State Drives - 6-Slot Midplane

Full Length Card: 12.283"
3/4 Length Card: 10.5"
1/2 Length Card: 6.9"

Processor Board

PCI Card

PCI Card

Display

6-slot midplane supports up to (5) Solid State drives **(up to 960GB each) in upper bay**

(Depending on PCI and IO configurations. For more information, consult your sales engineer)

Note: Alternately, the upper storage area ("processor bay") can also be used for two additional quick-time removable drives.

Full Length Card: 12.283"
3/4 Length Card: 10.5"
1/2 Length Card: 6.9"

Display

PCI Card

PCI Card

PCI Card

PCI Card

6-slot midplane supports up to (8) Solid State drives **(up to 960GB each) in lower bay**

(Depending on PCI and IO configurations. For more information, consult your sales engineer)