

### 13th Generation PowerEdge Servers Slot Support Matrix for IOMemory SX300 and SX350

| Server Model                              | IOMemory SX 300/350 (3200 or 6400) | Slot Priority   | Additional Notes<br>(IOMemory SX300 and SX350 6400 are limited to full-height slots in all systems)   |
|---|------------------------------------|---|---|
| PowerEdge R630                            | Up to 3 cards                      | 1,2,3   | Due to slot limitations, only one 6.4TB card is supported. Fan speed offset needs to be set to 'Medium' in system BIOS  |
| PowerEdge R730                            | Up to 7 cards                      | 5,7,6,4,2,3,1   | Due to slot limitations, only up to four 6.4TB cards are supported. Fan speed offset needs to be set to 'Medium' or higher in system BIOS   |
| PowerEdge R730XD                          | Up to 4 cards                      | 5,6,4,2   | Due to slot limitations, only up to three 6.4TB card are supported. Fan speed offset must be set to 'Medium' in system BIOS. PCIe slots 1 and 3 are not supported. Configurations which utilize the four 3.5" HDDs in an internal cage in the middle of the server are not supported with IOMemory cards. |
| PowerEdge T630                            | Up to 6 cards                      | 3,4,6,1,5,2   | Fan speed offset must be set to 'Medium' in system BIOS. If ambient air temperature exceeds 30C offset must be increased to 'High'. PCIe slot 7 is not supported.   |
| PowerEdge VRTX (M520,M620,M630,M820,M830) | Up to 8 cards                      | 1,2,3,6,5,7,4,8   | Due to slot limitations, only up to three 6.4TB cards are supported. Fan speed offset must be set to 'Medium' in CMC  |
| PowerEdge FX2 (FC830,FC630,FC430)         | Up to 8 cards                      | All slots are supported. Slot usage will be determined by server and storage components in chassis. | Only SX300/SX350 3200 (3.2TB) cards are supported. Up to 8 cards are supported.   |
| PowerEdge R920                            | Up to 10 cards                     | 1, 3, 4, 5, 6, 7, 8, 9,   | Only 1,3,4,5 supported with 2P systems. Slots 1 and 9 will support optional risers allowing for up to 10 cards in 4P configs.   |
| PowerEdge R930                            | Up to 10 cards                     | 1, 3, 4, 5, 6, 7, 8, 9,   | Only 1,3,4,5 supported with 2P systems. Slots 1 and 9 will support optional risers allowing for up to 10 cards in 4P configs.   |

### 12th Generation PowerEdge Servers Slot Support Matrix for Sandisk IODrive2 cards (formerly Fusion-IO)

| PowerEdge iDRAC7 1.06.06 (Initial 12G revision) |                        |   |       |               |   |
|---|------------------------|---|-------|---------------|---|
| Server Model                                    | ioDrive2 (Up to 1.2TB) | ioDrive2 (3.0TB) or ioDrive2 Duo (2.4 TB) | Total | Slot Priority | Additional Notes<br>(Duo, and 3.0TB Mono, controllers are limited to Full-height slots in all systems)  |
| PowerEdge R620                                  | Option 1               | 0   | 1     | 2             | Duo and 3.0TB Mono controllers are limited to Slot 2 (Full-height)  |
|   | Option 2               | 1   | 0     |               |   |
| PowerEdge R720                                  | Option 1               | 1   | 1     | 4, 6          | Half-height slots (1-3) cannot be used due to mechanical latch clearance. Slot 4 requires 2nd CPU to be installed.  |
|   | Option 2               | 0   | 2     |               |   |
|   | Option 3               | 2   | 0     |               |   |
| PowerEdge R720XD                                | Option 1               | 0   | 2     | 4, 6          | Half-height slots (1-3) cannot be used due to mechanical latch clearance. Slot 4 requires 2nd CPU to be installed. Slot 7 (optional riser 3) not available in Orca XD due to rear mounted drive cage. |
|   | Option 2               | 1   | 2     |               |   |
|   | Option 3               | 2   | 0     |               |   |
| PowerEdge R820                                  | Option 1               | 0   | 2     | 6, 1          | Riser 2 half-height slots (3-5) cannot be used due to mechanical latch clearance. Duo limited to slots 6 and 1 (only 75w slots available) Slots 1 & 2 require 2nd CPU to be installed                 |
|   | Option 2               | 1   | 1     |               |   |
|   | Option 3               | 2   | 0     |               |   |
| PowerEdge T620                                  | Option 1               | 0   | 2     | 5, 7          | Slots 5-7 require 2nd CPU to be present.  |
|   | Option 2               | 1   | 1     |               |   |
|   | Option 3               | 2   | 0     |               |   |

  

| PowerEdge iDRAC 1.20.20 (June 2012 revision) or later |                        |   |                               |               |   |
|---|------------------------|---|-------------------------------|---------------|---|
| Server Model  | ioDrive2 (Up to 1.2TB) | ioDrive2 (3.0TB) or ioDrive2 Duo (2.4 TB) | Total Max                     | Slot Priority | Additional Notes<br>(Duo, and 3.0TB Mono, controllers are limited to Full-height slots in all systems)  |
| PowerEdge R620  | Option 1               | Up to 2                                   | up to 1                       | 1, 2          | Support for 2 controllers requires 2 slot riser configuration (3 slot riser configuration not supported) Duo, and 3.0TB Mono, controllers are limited to Slot 2 (Full-height) and 2nd controller must use half height bracket   |
|   |                        |   |                               |               |   |
| PowerEdge R720  | Option 1               | 0   | 4                             | 4, 6, 5, 7    | Half-height slots (1-3) cannot be used due to mechanical latch clearance. Slot 4 requires 2nd CPU to be installed.  |
|   | Option 2               | 1   | 3                             |               |   |
|   | Option 3               | 2   | 2                             |               |   |
|   | Option 4               | 3   | 1                             |               |   |
|   | Option 5               | 4   | 0                             |               |   |
| PowerEdge R720XD                                      | Option 1               | 0   | 3                             | 4, 6, 5       | Half-height slots (1-3) cannot be used due to mechanical latch clearance. Slot 4 requires 2nd CPU to be installed. Slot 7 (optional riser 3) not available in Orca XD due to rear mounted drive cage.   |
|   | Option 2               | 1   | 2                             |               |   |
|   | Option 3               | 2   | 1                             |               |   |
|   | Option 4               | 3   | 0                             |               |   |
| PowerEdge R820  | Option 1               | up to 4                                   | up to 3 ioDrive2's or 2 DUO's | 6, 1, 2, 7    | Riser 2 half-height slots (3-5) cannot be used due to mechanical latch clearance. Duo limited to slots 6 and 1 (only 75w slots available). Slots 1 & 2 require 2nd CPU to be installed Any combination of cards, up to 4, is supported within limitations given   |
|   |                        |   |                               |               |   |
| PowerEdge T620  | Option 1               | Up to 7                                   | Up to 7 IODrive 2's or 4 DUOs | 4,5,6,2,7,1,3 | Slots 5-7 require 2nd CPU to be present. Default system fan settings (AUTO) will not support any Fusion DUO controllers in slots 1-4. If fans are manually set to HIGH, slots 1-4 can be used to add up to 2 Duo and/or up to 4 Mono controllers (for a total max of 7.) Slot 3 has sub-optimal performance when used with a Duo card, but can be used if necessary. Max of 4 DUOs are supported. 2 in slots 5-7 and 2 in slots 1-4 (if fans on HIGH) |
|   |                        |   |                               |               |   |



### 11th Generation PowerEdge Servers Slot Support Matrix for Sandisk IODrive2 cards (formerly Fusion-IO)

| Server Model    | ioDrive2 (Up to 1.2TB) | ioDrive2 (3.0TB) or ioDrive2 DUO (2.4TB) | Total max              | Slot Priority | Additional Notes<br>(Duo, and 3.0TB Mono, controllers are limited to Full-height slots in all systems)   |
|-----------------|------------------------|--|------------------------|---------------|--|
| PowerEdge R910  | Option 1               | 8  | 0                      | 8             | A maximum of 4 Duos are supported. All Duos require the use of auxiliary power cable. Slot 5 is unsupported. Any combination of Duos and Monos, up to 8, are supported within the limitations given. |
|                 | Option 2               | 4  | 4                      | 8             |  |
|                 | Option 3               | Any, up to 4                             | Any, up to 4           | 8             |  |
| PowerEdge R710  | Option 1               | Any up to 2                              | Up to 2 IODrive2 3.0TB | 2             | Duos are NOT supported. Maximum of two 3.0TB Monos are supported. Any combination of cards, up to 2, is supported within limitations given.  |
|                 |                        |  |                        |               |  |
| PowerEdge M610x | Option 1               | 1  | 1                      | 2             | Duos require the use of auxiliary power cable  |
|                 | Option 2               | 2  | 0                      | 2             |  |
|                 | Option 3               | 0  | 2                      | 2             |  |
| PowerEdge R810  | Option 1               | Any up to 2                              | Up to 2 IODrive2 3.0TB | 2             | Duos are NOT supported. Maximum of two 3.0TB Monos are supported. Any combination of cards, up to 2, is supported within limitations given.  |
|                 |                        |  |                        |               |  |
| PowerEdge R610  | Option 1               | 0  | 1 IODrive2 3.0TB       | 1             | Duos are NOT supported   |
|                 | Option 2               | 2  | 0                      | 2             |  |
|                 | Option 3               | Any 1                                    | 1 IODrive2 3.0TB       | 2             |  |