



Invento™ Servers



Inova™ Storage



Inova™ Storage



IFS™ Storage



MRAID™ Storage



Invio™ Switches



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IFS SAN Storage Matrix



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| | Entry Level iSCSI | Mainline | Mainline |
|--|---|---|---|
| Model Name (2U24) | 7524 | 8124 | 8224 |
| Model Name (2U12) | 7512 | 8112 | 8212 |
| Size (D x H x W) cm | 54.0 x 8.9 x 44.7 60.2 x 8.9 x 44.7 | 54.0 x 8.9 x 44.7 60.2 x 8.9 x 44.7 | 60.2 x 8.9 x 44.7 60.2 x 8.9 x 44.7 |
| Weight (no drives) kg (2U24) | 20 | 20 | 20 |
| Weight (no drives) kg (2U12) | 29 | 29 | 29 |
| Controllers | Single/Dual | Single/Dual | Single/Dual |
| Host Interface (per controller) | 1G iSCSI x 2 | 8G FC x 2 | 8G FC x 2 + 1G iSCSI x 2 |
| Host Interface (per array) | 1G iSCSI x 4 | 8G FC x 4 | 8G FC x 4 + 1G iSCSI x 4 |
| Cache Memory (per controller) | 1GB per controller | 2GB per controller | 2GB per controller |
| Cache Memory (per array) | 2GB per array | 4GB per array | 4GB per array |
| Cache Memory Protection | Capacitor/Flash Memory | Capacitor/Flash Memory | Capacitor/Flash Memory |
| Management Port | 10/100G or Mini USB | 10/100G or Mini USB | 10/100G or Mini USB |
| # of Drives supported (2U24) | 144 | 144 | 144 |
| # of Drives supported (2U12) | 96 | 96 | 96 |
| # of JBOB supported (2U24) | 5 | 5 | 5 |
| # of drives supported (2U12) | 7 | 7 | 7 |
| Supported Drives (2U24) | 2.5" SAS, NL SAS | 2.5" SAS, NL SAS | 2.5" SAS, NL SAS |
| Supported Drives (2U12) | 3.5" SAS, NL SAS | 3.5" SAS, NL SAS | 3.5" SAS, NL SAS |
| RAID Level | RAID 0,1,3,5,6,10,50 | RAID 0,1,3,5,6,10,50 | RAID 0,1,3,5,6,10,50 |
| Backend | 6G SAS | 6G SAS | 6G SAS |
| # of vDisk (RAID Group) per controller | 16 | 16 | 16 |
| # of volumes per vDisk | 128 | 128 | 128 |
| # of volumes per controller | 512 | 512 | 512 |
| # of initiator per host port | 64 | 64 | 64 |
| Power FAN Unit (2U24) | AC:400W / DC:500W | AC:400W / DC:500W | AC:400W / DC:500W |
| Power FAN Unit (2U12) | AC 465W / DC 500W | AC 465W / DC 500W | AC 465W / DC 500W |
| Data Protection Software (Data Management Service) | Optional License - (Snapshot, Volume Copy, Replication, VSS, VDS) | License Included Snapshot, VSS, VDS Optional License - Replication & Volume Copy | License Included Snapshot, VSS, VDS Optional License - Replication & Volume Copy |
| Storage Management | IFS Storage Manager, CLI | IFS Storage Manager, CLI | IFS Storage Manager, CLI |
| Virtualization Support | VMWare, Microsoft, Citrix | VMWare, Microsoft, Citrix | VMWare, Microsoft, Citrix |



| Mainline | High Performance | Expansion Enclosure | |
|---|--|--|--|
| | | | (Only for 8512/8524) |
| 8324 | 8524 | 8002 | 8502 |
| 8312 | 8512 | 8003 | 8503 |
| 54.0 x 8.9 x 44.7 60.2 x 8.9 x 44.7 | 51.9 x 8.9 x 48.2 52.2 x 8.9 x 48.2 | 54.0 x 8.9 x 44.7 60.2 x 8.9 x 44.7 | 51.9 x 8.9 x 48.2 52.2 x 8.9 x 48.2 |
| 20 29 | 16.5 26.9 | 20 29 | 16.5 26.9 |
| Single/Dual | Single/Dual | Dual IO Modules | Dual IO Modules |
| 10G iSCSI x 2 (SFP+) | 8G FC x 4 | 6G SAS In/Output each one port | 6G SAS In/Output each one port |
| 10G iSCSI x 4 (SFP+) | 8G FC x 8 | 6G SAS In/Output each dual port | 6G SAS In/Output each dual port |
| 2GB per controller | 4GB per controller | - | - |
| 4GB per array | 8GB per array | - | - |
| Capacitor/Flash Memory | Capacitor/Flash Memory | - | - |
| 10/100G or Mini USB | 10/100G or Mini USB | - | - |
| 144 96 | 192 96 | - | - |
| 5 7 | 7 7 | - | - |
| 2.5" SAS, NL SAS 3.5" SAS, NL SAS | 2.5" SAS, NL SAS 3.5" SAS, NL SAS | 2.5" SAS, NL SAS 3.5" SAS, NL SAS | 2.5" SAS, NL SAS 3.5" SAS, NL SAS |
| RAID 0,1,3,5,6,10,50 | RAID 0,1,3,5,6,10,50 | RAID Dependent (From Array) | RAID Dependent (From Array) |
| 6G SAS | 6G SAS | 6G SAS | 6G SAS |
| 16 | 16 | - | - |
| 128 | 128 | - | - |
| 512 | 512 | - | - |
| 64 | 64 | - | - |
| AC:400W / DC:500W | AC:400W / DC:500W | AC:400W / DC:500W | AC:400W / DC:500W |
| AC 465W / DC 500W | AC 465W / DC 500W | AC:485W / DC:500W | AC:485W / DC:500W |
| License Included Snapshot, VSS, VDS Optional License - Replication & Volume Copy | No Data Protection is supported | - | - |
| IFS Storage Manager, CLI | IFS Storage Manager, CLI | - | - |
| VMWare, Microsoft, Citrix | VMWare, Microsoft, Citrix | - | - |

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