Quick Check of HPE MSA Storages

	MSA1050	MSA1060	MSA2050	MSA2052	MSA2060	MSA2062
Drive	96 SFF or 48 LFF Maximum including expansion, depending on model	Up to 24 SFF HDD and/or SSD on all 1060 array models	Up to 192 SFF SAS/ENT and/or SAS/SSD, or up to 96 LFF SAS/MDL and/or SAS/SSD, maximum supported including expansion, depending on model and configuration	Up to 192 SFF SAS/ENT and/or SAS/SSD, or up to 96 LFF SAS/MDL and/or SAS/SSD, maximum supported including expansion, depending on model		Up to 12 LFF or 24 SFF HDD and/or SSD per array model
Storage Capacity	672 TB maximum including expansion, depending on model	368.64 TB SFF / 740.16 TB SFF + LFF (total array capacity with maximum expansion)	614 TB SFF or 1344 TB LFF, maximum raw capacity including expansion, depending on model	614 TB SFF or 1344 TB LFF, maximum raw capacity including expansion, depending on model	921.6 TB (all SFF) to 2.16 PB (all LFF); depending on model, depending on drive mix	917.76 TB (all SFF) to 2127.84 TB (all LFF) with maximum expansion; depending on model and configuration
Storage Expansion	HPE MSA 2050 SFF Disk Enclosure or HPE MSA 2050 LFF Disk Enclosure	24 drive bay SFF 2060 disk enclosure or 12 drive bay LFF 2060 disk enclosure (add up to 3)	Up to 7x HPE MSA 2050 LFF Disk Enclosures and/or HPE MSA 2050 SFF Disk Enclosures, or 7x HPE MSA 2050 SAN DC-Power Carrier Grade SFF Disk Enclosures depending on array model	Up to 7x HPE MSA 2050 LFF Disk Enclosure and/or HPE MSA 2050 SFF Disk Enclosure	24 drive bay 2060 SFF disk enclosure or 12 drive bay 2060 LFF disk enclosure (add up to 9)	24 drive bay 2060 SFF disk enclosures and/or 12 drive bay 2060 LFF disk enclosures (up to 9)

	MSA1050	MSA1060	MSA2050	MSA2052	MSA2060	MSA2062
Host Interface	8 Gb Fibre Channel, 4-ports per system or 1 Gb iSCSI, 4-ports per system or 10 Gb iSCSI, 4-ports per system or 12 Gb SAS, 4-ports per system, depending on model	16Gb Fibre Channel, 10GBase-T iSCSI, or 12Gb SAS; depending on model	16 Gb/8 Gb Fibre Channel 8-ports per system or 1 GbE/10GbE iSCSI 8-ports per system or 12 Gb SAS 8-ports per system are supported depending on array model	16Gb/8Gb Fibre Channel (8) Ports per system,1GbE/10GbE iSCSI (8) Ports per system or 12Gb SAS (8) Ports per system, depending on model		16Gb Fibre Channel, 10GbE iSCSI, or 12Gb SAS; depending on model
Storage Controller	(2) HPE MSA 1050 2-port 8 Gb FC Controllers or (2) HPE MSA 1050 2-port 1 Gb iSCSI Controllers or (2) HPE MSA 1050 2-port 10 Gb iSCSI Controllers or (2) HPE MSA 1050 2-port 12 Gb SAS Controllers, depending on model	2 per array, 2-ports each (4-ports total)	2x HPE MSA 2050 SAN controllers or 2x HPE MSA 2050 SAS controllers supported, depending on model	(2) HPE MSA 2050 SAN Controllers or (2) HPE MSA 2050 SAS Controllers depending on model	2 per array, 4-ports each (8-ports total)	2 controllers per array, 4-ports per controller (8-ports total)
SAN Backup Support	Yes	Yes	Yes	Yes	Yes	Yes

	MSA1050	MSA1060	MSA2050	MSA2052	MSA2060	MSA2062
Storage Mirroring Support	No	Yes	Yes	Yes	Yes	Yes
Insight Manager Support	Yes	Yes	Yes	Yes	Yes	Yes
Compatible Operating Systems	Microsoft Windows Server 2019, Microsoft Windows Server 2016, Microsoft Windows Server 2012, Red Hat Linux, SuSE SLES Linux, VMware, HP-UX. Detailed information available at: http://www.hpe.com/storage/spock	Windows Server 2019; Windows Server 2016; VMWare vSphere 6.7; Red Hat Linux 8; SuSE SLES 15	Microsoft Windows Server 2019, Microsoft Windows Server 2016, Microsoft Windows Server 2012, HP-UX, Red Hat Linux, SuSE SLES Linux, VMware ESXi, OVMS. Detailed information available at: http://www.hpe.com/storage/spock	Microsoft Windows Server 2019, Microsoft Windows Server 2016, Microsoft Windows Server 2012, Microsoft Windows Server 2012 R2, Microsoft Windows Hyper-V, HP-UX, Red Hat Linux, SUSE Linux, VMware ESXi, OVMS. Detailed information available at: https://h20272.www2.hpe.com/spock/	Windows Server 2019; Windows Server 2016; VMWare vSphere 6.7; Red Hat Linux 8; SuSE SLES 15;	Windows Server 2019; Windows Server 2016; VMWare vSphere 6.7; Red Hat Linux 8; SuSE SLES 15;

	MSA1050	MSA1060	MSA2050	MSA2052	MSA2060	MSA2062
Clustering Support	Windows, Linux, HP-UX	Yes	Windows, Linux, HP-UX	Windows, Linux, HP-UX	Yes	Yes
Form Factor	2U rack height	2U	2U	2U	2U	2U
Warranty Standard Statement	Three-year limited warranty, parts exchange Next Business day delivery. For more warranty information refer to http://www.hpe.com/storage/warranty	Three-year limited warranty, parts exchange next business day delivery. Disk enclosures, hard drives, and options for the HPE MSA 1060 carry their own warranty.	Three-year limited warranty, parts exchange Next Business day delivery. For more warranty information refer to https://www.hpe.com/storage/warranty.	Three-year limited warranty, parts exchange Next Business day delivery. For more warranty information refer to https://support.hpe.com/hpsc/wc/public/home.	Three-year limited warranty, parts exchange next business day delivery. Disk enclosures, hard drives and options carry their own warranty. Energy Efficiency ComplianceEnergy Star Compliant	Three-year limited warranty, parts exchange next business day delivery. Disk enclosures, hard drives and options carry their own warranty.

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