











	MSA2060 SAS DC SFF	MSA2060 SAS DC LFF	MSA2062 SAS DC SFF	MSA2062 SAS DC LFF
<b>Step 1</b> Choose your base system  (Enclosure + Dual Controller)	<b>R0Q78A</b> 	<b>R0Q77A</b> 	<b>R0Q84A</b> 	<b>R0Q83A</b> 
	<b>SSD license not included:</b> MSA Advanced Data Service Suite <b>R2C33AAE</b> (Performance Tiering, Snapshots, Remote Snap)		<b>ALL SOFTWARE INCLUDED (R2C33AAE)</b>	
<b>Schritt 2</b> SAS doesn't need a SFP, but a special SAS cable (e.g. 716197-B21)	<u>SAS HBA (ProLiant G10):</u> <b>804398-B21</b> - SAS HBA 12 Gb/s  <u>Mini SAS HD cables</u> <b>716195-B21</b> - SAS Cable 1m <b>716197-B21</b> - SAS Cable 2m <b>716199-B21</b> - SAS Cable 5m	<u>SAS HBA (ProLiant G10):</u> <b>804398-B21</b> - SAS HBA 12 Gb/s  <u>Mini SAS HD cables</u> <b>716195-B21</b> - SAS Cable 1m <b>716197-B21</b> - SAS Cable 2m <b>716199-B21</b> - SAS Cable 5m	<u>SAS HBA (ProLiant G10):</u> <b>804398-B21</b> - SAS HBA 12 Gb/s  <u>Mini SAS HD cables</u> <b>716195-B21</b> - SAS Cable 1m <b>716197-B21</b> - SAS Cable 2m <b>716199-B21</b> - SAS Cable 5m	<u>SAS HBA (ProLiant G10):</u> <b>804398-B21</b> - SAS HBA 12 Gb/s  <u>Mini SAS HD cables</u> <b>716195-B21</b> - SAS Cable 1m <b>716197-B21</b> - SAS Cable 2m <b>716199-B21</b> - SAS Cable 5m
<b>Step 3</b> Choose your disks	<b>2.5" (SFF) HDDs / SSDs</b> <b>R0Q54A</b> Harddisk 600GB SAS 10K <b>R0Q53A</b> Harddisk 900GB SAS 15K <b>R0Q55A</b> Harddisk 1.2TB SAS 10K <b>R0Q56A</b> Harddisk 1.8TB SAS 10K <b>R0Q57A</b> Harddisk 2.4TB SAS 10K  <b>R0Q46A</b> Harddisk 960GB SAS RI SSD <b>R0Q47A</b> Harddisk 1.92TB SAS RI SSD <b>R3R30A</b> Harddisk 3.84TB SAS RI SSD	<b>3.5" (LFF) HDDs / SSDs</b> <b>R0Q58A</b> Harddisk 6TB SAS 7.2K <b>R0Q59A</b> Harddisk 8TB SAS 7.2K <b>R0Q60A</b> Harddisk 10TB SAS 7.2K <b>R0Q61A</b> Harddisk 12TB SAS 7.2K <b>R0Q62A</b> Harddisk 14TB SAS 7.2K <b>R3U72A</b> Harddisk 16TB SAS 7.2K  <b>R0Q49A</b> Harddisk 1.92TB SAS RI SSD	<b>2x 1.92TB SAS RI SSD included in MSA2062 (R0Q47A)</b>  <b>2.5" (SFF) HDDs / SSDs</b> <b>R0Q54A</b> Harddisk 600GB SAS 10K <b>R0Q53A</b> Harddisk 900GB SAS 15K <b>R0Q55A</b> Harddisk 1.2TB SAS 10K <b>R0Q56A</b> Harddisk 1.8TB SAS 10K <b>R0Q57A</b> Harddisk 2.4TB SAS 10K  <b>R0Q46A</b> Harddisk 960GB SAS RI SSD <b>R0Q47A</b> Harddisk 1.92TB SAS RI SSD <b>R3R30A</b> Harddisk 3.84TB SAS RI SSD	<b>2x 1.92TB SAS RI SSD included in MSA2062 (R0Q49A)</b>  <b>3.5" (LFF) HDDs / SSDs</b> <b>R0Q58A</b> Harddisk 6TB SAS 7.2K <b>R0Q59A</b> Harddisk 8TB SAS 7.2K <b>R0Q60A</b> Harddisk 10TB SAS 7.2K <b>R0Q61A</b> Harddisk 12TB SAS 7.2K <b>R0Q62A</b> Harddisk 14TB SAS 7.2K <b>R3U72A</b> Harddisk 16TB SAS 7.2K  <b>R0Q49A</b> Harddisk 1.92TB SAS RI SSD
	<b>Step 4</b> Another Enclosure	<b>R0Q40A (SFF)</b> HPE MSA 2060 SFF Disk Enclosure		mixing SFF & LFF is allowed max. 9 pieces
<b>Step 5</b> Warranty options	<b>HT0J7E</b> HPE FoundCare 3y, NBD <b>HT0K6E</b> HPE FoundCare 3y,24x7,4h	<b>HT0J9E</b> HPE FoundCare 5y, NBD <b>HT0K8E</b> HPE FoundCare 5y,24x7,4h	<b>HT0W0E</b> HPE FoundCare 3y, NBD <b>HT0W9E</b> HPE FoundCare 3y,24x7,4h	<b>HT0W2E</b> HPE FoundCare 5y, NBD <b>HT0X1E</b> HPE FoundCare 5y,24x7,4h







Put together the MSA 2060/62 according your needs:

	MSA2060 FC DC SFF	MSA2060 FC DC LFF	MSA2062 FC DC SFF	MSA2062 FC DC LFF
<b>Step 1</b> Choose your base system  (Enclosure + Dual Controller)	<b>R0Q74A</b> 	<b>R0Q73A</b> 	<b>R0Q80A</b> 	<b>R0Q79A</b> 
	<b>SSD license not included:</b> MSA Advanced Data Service Suite <b>R2C33AAE</b> (Performance Tiering, Snapshots, Remote Snap)			<b>ALL SOFTWARE INCLUDED (R2C33AAE)</b>
<b>Schritt 2</b> SFP's  Server HBAs  Cables	<p style="text-align: center;"> <b>Transceiver MSA</b>  <b>C8R24B</b> - FC 16Gb (4 pices)   <b>Server HBAs</b>  <b>Q0L14A</b> - SN1200E 16Gb Dual Port Emulex HBA  <b>P9D94A</b> - SN1100Q 16Gb Dual Port Marvell QLogic HBA   <b>Cables</b>  <b>QK733A</b> - OM4 2 fiber 2m Cable  <b>QK734A</b> - OM4 2 fiber 5m Cable  <b>QK735A</b> - OM4 2 fiber 15m Cable         </p>			
<b>Step 3</b> Choose your disks	<b>2.5" (SFF) HDDs / SSDs</b>  <b>R0Q54A</b> Harddisk 600GB SAS 10K <b>R0Q53A</b> Harddisk 900GB SAS 15K <b>R0Q55A</b> Harddisk 1.2TB SAS 10K <b>R0Q56A</b> Harddisk 1.8TB SAS 10K <b>R0Q57A</b> Harddisk 2.4TB SAS 10K  <b>R0Q46A</b> Harddisk 960GB SAS RI SSD <b>R0Q47A</b> Harddisk 1.92TB SAS RI SSD <b>R3R30A</b> Harddisk 3.84TB SAS RI SSD	<b>3.5" (LFF) HDDs / SSDs</b>  <b>R0Q58A</b> Harddisk 6TB SAS 7.2K <b>R0Q59A</b> Harddisk 8TB SAS 7.2K <b>R0Q60A</b> Harddisk 10TB SAS 7.2K <b>R0Q61A</b> Harddisk 12TB SAS 7.2K <b>R0Q62A</b> Harddisk 14TB SAS 7.2K <b>R3U72A</b> Harddisk 16TB SAS 7.2K  <b>R0Q49A</b> Harddisk 1.92TB SAS RI SSD	<b>2x 1.92TB SAS RI SSD included in MSA2062 (R0Q47A)</b>  <b>2.5" (SFF) HDDs / SSDs</b>  <b>R0Q54A</b> Harddisk 600GB SAS 10K <b>R0Q53A</b> Harddisk 900GB SAS 15K <b>R0Q55A</b> Harddisk 1.2TB SAS 10K <b>R0Q56A</b> Harddisk 1.8TB SAS 10K <b>R0Q57A</b> Harddisk 2.4TB SAS 10K  <b>R0Q46A</b> Harddisk 960GB SAS RI SSD <b>R0Q47A</b> Harddisk 1.92TB SAS RI SSD <b>R3R30A</b> Harddisk 3.84TB SAS RI SSD	<b>2x 1.92TB SAS RI SSD included in MSA2062 (R0Q49A)</b>  <b>3.5" (LFF) HDDs / SSDs</b>  <b>R0Q58A</b> Harddisk 6TB SAS 7.2K <b>R0Q59A</b> Harddisk 8TB SAS 7.2K <b>R0Q60A</b> Harddisk 10TB SAS 7.2K <b>R0Q61A</b> Harddisk 12TB SAS 7.2K <b>R0Q62A</b> Harddisk 14TB SAS 7.2K <b>R3U72A</b> Harddisk 16TB SAS 7.2K  <b>R0Q49A</b> Harddisk 1.92TB SAS RI SSD
	<b>Step 4</b> Another Enclosure	<b>R0Q40A (SFF)</b> HPE MSA 2060 SFF Disk Enclosure		mixing SFF & LFF is allowed max. 9 pieces
<b>Step 5</b> Warranty options	<b>HT0J7E</b> HPE FoundCare 3y, NBD <b>HT0K6E</b> HPE FoundCare 3y,24x7,4h	<b>HT0J9E</b> HPE FoundCare 5y, NBD <b>HT0K8E</b> HPE FoundCare 5y,24x7,4h	<b>HT0W0E</b> HPE FoundCare 3y, NBD <b>HT0W9E</b> HPE FoundCare 3y,24x7,4h	<b>HT0W2E</b> HPE FoundCare 5y, NBD <b>HT0X1E</b> HPE FoundCare 5y,24x7,4h



Put together the MSA 2060/62 according your needs:

	MSA2060 iSCSI DC SFF	MSA2060 iSCSI DC LFF	MSA2062 iSCSI DC SFF	MSA2062 iSCSI DC LFF
<b>Step 1</b> Choose your base system  (Enclosure + Dual Controller)	<b>R0Q76A</b> 	<b>R0Q75A</b> 	<b>R0Q82A</b> 	<b>R0Q81A</b> 
	<b>SSD license not included:</b> MSA Advanced Data Service Suite <b>R2C33AAE</b> (Performance Tiering, Snapshots, Remote Snap)		ALL SOFTWARE INCLUDED (R2C33AAE)	
<b>Step 2</b> SFP's  Server Network card  Cables	<b>With DAC cable connection</b> <u>Transceiver MSA</u> Not needed because connected directly with DAC cable  <u>Network card G9/G10</u> <b>727054-B21</b> - 10Gb 2-port FLR-SFP+  <u>In addition supported DAC cables</u> <b>J9281D</b> - 10G SFP+ 1m DAC <b>J9283D</b> - 10G SFP+ 3m DAC <b>J9285D</b> - 10G SFP+ 7m DAC		<b>With Transceiver</b> <u>Transceiver MSA</u> <b>C8R25B</b> - 10Gb SR iSCSI SFP+  <u>Network card G9/G10 + Transceiver Server</u> <b>727054-B21</b> - 10Gb 2-port FLR-SFP+ <b>455883-B21</b> - 10Gb SR SFP+  <u>Cables</u> <b>QK733A</b> - OM4 2 fiber 2m Cable <b>QK734A</b> - OM4 2 fiber 5m Cable <b>QK735A</b> - OM4 2 fiber 15m Cable	
<b>Step 3</b> Choose your disks	<b>2.5" (SFF) HDDs / SSDs</b>  <b>R0Q54A</b> Harddisk 600GB SAS 10K <b>R0Q53A</b> Harddisk 900GB SAS 15K <b>R0Q55A</b> Harddisk 1.2TB SAS 10K <b>R0Q56A</b> Harddisk 1.8TB SAS 10K <b>R0Q57A</b> Harddisk 2.4TB SAS 10K  <b>R0Q46A</b> Harddisk 960GB SAS RI SSD <b>R0Q47A</b> Harddisk 1.92TB SAS RI SSD <b>R3R30A</b> Harddisk 3.84TB SAS RI SSD	<b>3.5" (LFF) HDDs / SSDs</b>  <b>R0Q58A</b> Harddisk 6TB SAS 7.2K <b>R0Q59A</b> Harddisk 8TB SAS 7.2K <b>R0Q60A</b> Harddisk 10TB SAS 7.2K <b>R0Q61A</b> Harddisk 12TB SAS 7.2K <b>R0Q62A</b> Harddisk 14TB SAS 7.2K <b>R3U72A</b> Harddisk 16TB SAS 7.2K  <b>R0Q49A</b> Harddisk 1.92TB SAS RI SSD	<b>2x 1.92TB SAS RI SSD included in MSA2062 (R0Q47A)</b>  <b>2.5" (SFF) HDDs / SSDs</b>  <b>R0Q54A</b> Harddisk 600GB SAS 10K <b>R0Q53A</b> Harddisk 900GB SAS 15K <b>R0Q55A</b> Harddisk 1.2TB SAS 10K <b>R0Q56A</b> Harddisk 1.8TB SAS 10K <b>R0Q57A</b> Harddisk 2.4TB SAS 10K  <b>R0Q46A</b> Harddisk 960GB SAS RI SSD <b>R0Q47A</b> Harddisk 1.92TB SAS RI SSD <b>R3R30A</b> Harddisk 3.84TB SAS RI SSD	<b>2x 1.92TB SAS RI SSD included in MSA2062 (R0Q49A)</b>  <b>3.5" (LFF) HDDs / SSDs</b>  <b>R0Q58A</b> Harddisk 6TB SAS 7.2K <b>R0Q59A</b> Harddisk 8TB SAS 7.2K <b>R0Q60A</b> Harddisk 10TB SAS 7.2K <b>R0Q61A</b> Harddisk 12TB SAS 7.2K <b>R0Q62A</b> Harddisk 14TB SAS 7.2K <b>R3U72A</b> Harddisk 16TB SAS 7.2K  <b>R0Q49A</b> Harddisk 1.92TB SAS RI SSD
	<b>Step 4</b> Another Enclosure	<b>R0Q40A (SFF)</b> HPE MSA 2060 SFF Disk Enclosure		mixing SFF & LFF is allowed max. 9 pieces
<b>Step 5</b> Warranty options	<b>HT0J7E</b> HPE FoundCare 3y, NBD <b>HT0K6E</b> HPE FoundCare 3y,24x7,4h	<b>HT0J9E</b> HPE FoundCare 5y, NBD <b>HT0K8E</b> HPE FoundCare 5y,24x7,4h	<b>HT0W0E</b> HPE FoundCare 3y, NBD <b>HT0W9E</b> HPE FoundCare 3y,24x7,4h	<b>HT0W2E</b> HPE FoundCare 5y, NBD <b>HT0X1E</b> HPE FoundCare 5y,24x7,4h