

# CONSISTENTLY AMAZING

## INTEL® SOLID STATE DRIVE DATA CENTER FAMILY FOR SATA

HPE\* systems with the Intel® SSD Data Center Family for SATA can dramatically improve performance and efficiency for your enterprise customers.



### HPE\* PLATFORM SELECTION GUIDE

Intel® SSD Data Center Family for SATA are qualified on the following drives:

**ALL HPE ProLiant\* Gen8, Gen9 and Apollo server platforms**

Intel® SSD Data Center Family for SATA are qualified on the following HPE disk enclosure:

**HPE ProLiant\* D2700**

#### Intel® SSD DC S3710 Series - Write Intensive Workloads

Capacity	Intel Model #	Intel MM 50pk	Intel MM 1pk	HPE Model #	HPE Option Kit	Description
200 GB	SSDSC2BA200G4P	940945	940946	MK0200GEYKC	804639-B21	HPE 200GB 6GB SATA 2.5in WI PLP SC SSD
400 GB	SSDSC2BA400G4P	940947	940948	MK0400GEYKD	804665-B21	HPE 400GB 6GB SATA 2.5in WI PLP SC SSD
800 GB	SSDSC2BA800G4P	940949	940950	MK0800GEYKE	804671-B21	HPE 800GB 6GB SATA 2.5in WI PLP SC SSD
1200 GB	SSDSC2BA012T4P	940951	940952	MK1200GEYKF	804677-B21	HPE 1.2TB 6GB SATA 2.5in WI PLP SC SSD

#### Intel® SSD DC S3610 Series - Mixed Use Workloads

Capacity	Intel Model #	Intel MM 50pk	Intel MM 1pk	HPE Model #	HPE Option Kit	Description
200 GB	SSDSC2BX200G4P	941151	941157	LK0200GEYMR	804613-B21	HPE 200GB 6GB SATA 2.5in MU PLP SC SSD
480 GB	SSDSC2BX480G4P	941153	941160	LK0480GFJSK	832414-B21	HPE 480GB 6GB SATA 2.5in MU PLP SC SSD
800 GB	SSDSC2BX800G4P	941154	941161	LK0800GEYMU	804625-B21	HPE 800GB 6GB SATA 2.5in MU PLP SC SSD
1600 GB	SSDSC2BX016T4P	941156	941163	LK1600GEYMV	804631-B21	HPE 1.6TB 6GB SATA 2.5in MU PLP SC SSD

#### Intel® SSD DC S3510 Series - Read Intensive Workloads

Capacity	Intel Model #	Intel MM 50pk	Intel MM 1pk	HPE Model #	HPE Option Kit	Description
80 GB	SSDSC2BB080G4B	942134	942133	VK0080GEYJN	804575-B21	HPE 80GB 6GB SATA 2.5in RI PLP SC SSD
120 GB	SSDSC2BB120G4B	942136	942135	VK0120GEYJP	804581-B21	HPE 120GB 6GB SATA 2.5in RI PLP SC SSD
240 GB	SSDSC2BB240G4P	942139	942138	VK0240GEYJQ	804587-B21	HPE 240GB 6GB SATA 2.5in RI PLP SC SSD
480 GB	SSDSC2BB480G4P	942141	942140	VK0480GEYJR	804593-B21	HPE 480GB 6GB SATA 2.5in RI PLP SC SSD
800 GB	SSDSC2BB800G4P	942143	942142	VK0800GEYJT	804599-B21	HPE 800GB 6GB SATA 2.5in RI PLP SC SSD
1600 GB	SSDSC2BB016T4P	942145	942144	VK1600GEYJU	804605-B21	HPE 1.6TB 6GB SATA 2.5in RI PLP SC SSD

#### Intel® SSD DC S3500 Series - Read Intensive Workloads

Capacity	Intel Model #	Intel MM 10pk	Intel MM 1pk	HPE Model #	HPE Option Kit	Description
80 GB	SSDSCKHB080G4P	944966	936862	VR0080GEJXL	777260-B21	HPE 80GB M.2 2280 SATA 6Gb VE PLP SSD
120 GB	SSDSCKHB120G4P	944967	936864	VR0120GEJXL	777262-B21	HPE 120GB M.2 2280 SATA 6Gb VE PLP SSD
340 GB	SSDSCKHB340G4P	944968	936867	VR0340GEJXN	777264-B21	HPE 340GB M.2 2280 SATA 6Gb VE PLP SSD

## INTEL® SSD DATA CENTER FAMILY FOR SATA DELIVERS...



End-to-End Data Protection  
UBER 10<sup>-17</sup>, 2M Hours MTBF



Power Loss Protection

High Endurance Technology  
20nm NAND

Intel® SSD	Virtualization	Private Cloud	Database/Big Data	Boot M.2	HPC
S3700/S3710	✓	✓	✓		✓
S3610	✓	✓	✓		
S3500/S3510		✓		✓	

View Online



Password: intelssd

<sup>1</sup> Data from the Intel® SSD DC Family for PCIe\* Product Brief available online at Intel.com/content/www/us/en/solid-state-drives/intel-ssd-dc-family-for-pcie-brief.html showing the comparison of Intel® SSD DC P3700 Series with 6 Gbps SAS/SATA SSDs. Tests document performance of components on a particular test, in specific systems. Differences in hardware, software, or configuration will affect actual performance. Consult other sources of information to evaluate performance as you consider your purchase. For more complete information about performance and benchmark results, visit <http://www.intel.com/performance>. Intel® Technologies', features and benefits depend on system configuration and may require enabled hardware, software, or service activation. Performance varies depending on system configuration. No computer systems can be absolutely secure. Check with your system manufacturer or retailer or learn more at Intel.com.

# CONSISTENTLY AMAZING

## INTEL® SOLID STATE DRIVE DATA CENTER FAMILY FOR PCIe\*

HPE\* systems with the Intel® SSD Data Center Family for PCIe can dramatically improve performance and efficiency for your enterprise customers.



### HPE\* PLATFORM SELECTION GUIDE

Intel® SSD Data Center Family for PCIe are qualified on the following HPE\* ProLiant server platforms:

#### HP ProLiant\* DL

DL360 (up to 6 PCIe Drive Bays)  
DL560 (up to 6 PCIe Drive Bays)  
DL380 (up to 6 PCIe Drive Bays)  
DL580 (up to 5 PCIe Drive Bays)

#### HP ProLiant\* ML

ML350  
(up to 6 PCIe Drive Bays)

#### HP\* Apollo (only with HHHL)

Apollo 6000 (XL230a, XL250a)  
Apollo 4200

#### HP\* Blade BL

BL460c (up to 2 PCIe Drive Bays)  
BL660c (up to 4 PCIe Drive Bays)

#### HP\* Apollo (only with HHHL)

Apollo 2000  
Apollo 4510

Intel® SSD Data Center Family for PCIe HHHL products will be supported on all HPE\* Gen 9 platforms that include PCIe slots

#### Intel® SSD DC P3700 Series - Write Intensive Workloads

Capacity	Intel Model #	Intel MM	HPE Model #	HPE Option Kit	Description
400 GB	SSDPE2MD400G4P	935805	MO0400KEFHN	736936-B21	HPE 400GB PCIe 2.5in ME SC2 PLP SSD
800 GB	SSDPE2MD800G4P	935806	MO0800KEFHP	736939-B21	HPE 800GB PCIe 2.5in ME SC2 PLP SSD
800 GB	SSDPEDMD800G4P	943232	MT0800KEXUU	803195-B21	HPE 800GB PCIe HHHL ME SC2 PLP SSD
1600 GB	SSDPE2MD016T4P	935807	MO1600KEFHQ	764892-B21	HPE 1600GB PCIe 2.5in ME SC2 PLP SSD
1600 GB	SSDPEDMD016T4P	935811	MT1600KEXUV	803197-B21	HPE 1600GB PCIe HHHL ME SC2 PLP SSD
2000 GB	SSDPE2MD020T4P	935808	MO2000KEFHR	764894-B21	HPE 2000GB PCIe 2.5in ME SC2 PLP SSD

#### Intel® SSD DC P3600 Series - Mixed Use Workloads

Capacity	Intel Model #	Intel MM	HPE Model #	HPE Option Kit	Description
400 GB	SSDPE2ME400G4P	935813	LO0400KEFJQ	765034-B21	HPE 400GB PCIe 2.5in LE SC2 PLP SSD
800 GB	SSDPE2ME800G4P	935814	LO0800KEFJR	765036-B21	HPE 800GB PCIe 2.5in LE SC2 PLP SSD
800 GB	SSDPEDME800G4P	943234	LT0800KEXVA	803200-B21	HPE 800GB PCIe HHHL LE SC2 PLP SSD
1600 GB	SSDPE2ME016T4P	935817	LO1600KEFJT	765038-B21	HPE 1600GB PCIe 2.5in LE SC2 PLP SSD
1600 GB	SSDPEDME016T4P	935822	LT1600KEXVB	803202-B21	HPE 1600GB PCIe HHHL LE SC2 PLP SSD
2000 GB	SSDPE2ME020T4P	935818	LO2000KEFJU	765044-B21	HPE 2000GB PCIe 2.5in LE SC2 PLP SSD
2000 GB	SSDPEDME020T4P	935823	LT2000KEXVC	803204-B21	HPE 2000GB PCIe HHHL LE SC2 PLP SSD

#### Intel® SSD DC P3500 Series- Read Intensive Workloads

Capacity	Intel Model #	Intel MM	HPE Model #	HPE Option Kit	Description
400 GB	SSDPE2MX400G4P	937522	VO0400KEFJB	764904-B21	HPE 400GB PCIe 2.5in VE SC2 PLP SSD
1200 GB	SSDPE2MX012T4P	937523	VO1200KEFJC	764906-B21	HPE 1200GB PCIe 2.5in VE SC2 PLP SSD
2000 GB	SSDPE2MX020T4P	937524	VO2000KEFJD	764908-B21	HPE 2000GB PCIe 2.5in VE SC2 PLP SSD

## INTEL® SSD DATA CENTER FAMILY FOR PCIe DELIVERS...



2,300X  
Faster  
than a 15K  
SAS HDD<sup>1</sup>



End-to-End  
Data Protection  
UBER 10<sup>-17</sup>,  
2M Hours MTBF



Power Loss Protection



High Endurance  
Technology  
20nm NAND

Intel® SSD	Virtualization	Private Cloud	Database/Big Data	HPC
P3700	✓	✓	✓	✓
P3600	✓	✓	✓	
P3500		✓	✓	