

	c) SATA cables (2)*	—	—
	d) Low-profile board bracket*	—	—
17	System boards (include alcohol pad and thermal compound)	—	—
	a) System board for Intel Xeon E5-2600 v3 processors	790485-001	Optional ²
	b) System board for Intel Xeon E5-2600 v3 and v4 processors*	847393-001	Optional ²
18	Heatsink	790530-001	Optional ²
19	Processors (include alcohol pad and thermal compound)**	—	—
	Intel Xeon E5-2600 v3 processors		
	a) 1.60 GHz Intel Xeon E5-2603 v3, 6C, 85 W	762441-001	Optional ²
	b) 1.80 GHz Intel Xeon E5-2630L v3, 8C, 55 W*	762459-001	Optional ²
	c) 1.80 GHz Intel Xeon E5-2650L v3, 12C, 65 W*	762461-001	Optional ²
	d) 1.90 GHz Intel Xeon E5-2609 v3, 6C, 85 W*	762443-001	Optional ²
	e) 2.30 GHz Intel Xeon E5-2650 v3, 10C, 105 W*	762448-001	Optional ²
	f) 2.40 GHz Intel Xeon E5-2620 v3, 6C, 85 W*	762445-001	Optional ²
	g) 2.40 GHz Intel Xeon E5-2630 v3, 8C, 85 W*	762446-001	Optional ²
	h) 2.60 GHz Intel Xeon E5-2640 v3, 8C, 90 W*	762447-001	Optional ²
	i) 2.60 GHz Intel Xeon E5-2660 v3, 10C, 105 W*	762449-001	Optional ²
	j) 3.00 GHz Intel Xeon E5-2623 v3, 4C, 105 W*	780762-001	Optional ²
	Intel Xeon E5-2600 v4 processors		
	a) 1.70 GHz Intel Xeon E5-2603 v4, 6C, 85 W*	835599-001	Optional ²
	b) 1.70 GHz Intel Xeon E5-2609 v4, 8C, 85 W*	835600-001	Optional ²
	c) 1.70 GHz Intel Xeon E5-2650L v4, 14C, 65 W*	835609-001	Optional ²
	d) 1.80 GHz Intel Xeon E5-2630L v4, 10C, 55 W*	835608-001	Optional ²
	e) 2.00 GHz Intel Xeon E5-2660 v4, 14C, 105 W*	835605-001	Optional ²
	f) 2.10 GHz Intel Xeon E5-2620 v4, 8C, 85 W*	835601-001	Optional ²
	g) 2.20 GHz Intel Xeon E5-2630 v4, 10C, 85 W*	835602-001	Optional ²
	h) 2.20 GHz Intel Xeon E5-2650 v4, 12C, 105 W*	835604-001	Optional ²
	i) 2.40 GHz Intel Xeon E5-2640 v4, 10C, 85 W*	835603-001	Optional ²
	j) 2.60 GHz Intel Xeon E5-2623 v4, 4C, 85 W*	835610-001	Optional ²
20	DIMMs – Unless otherwise indicated, the DIMMs listed below are compliant with HPE SmartMemory technology.	—	—
	DIMMs optimized for the Intel Xeon E5-2600 v3 processors		
	a) 4 GB, single-rank x8 PC4-2133R-15	774169-001	Mandatory ¹
	b) 4 GB, single-rank x8 PC4-2133R-15 (standard memory)*	804842-001	Mandatory ¹
	c) 8 GB, single-rank x4 PC4-2133R-15	774170-001	Mandatory ¹
	d) 8 GB, single-rank x4 PC4-2133R-15 (standard memory)*	804843-001	Mandatory ¹
	e) 8 GB, dual-rank x8 PC4-2133P-R*	786178-001	Mandatory ¹
	f) 16 GB, dual-rank x4 PC4-2133P-L*	774173-001	Mandatory ¹
	g) 16 GB, dual-rank x4 PC4-2133P-R*	774172-001	Mandatory ¹
	h) 32 GB, dual-rank x4 PC4-2133R-15*	774175-001	Mandatory ¹
	i) 32 GB, quad-rank x4 PC4-2133P-L*	774174-001	Mandatory ¹
	DIMMs optimized for the Intel Xeon E5-2600 v4 processors		
	a) 8 GB, single-rank x8 PC4-2400T-R*	819410-001	Mandatory ¹
	b) 8 GB, single-rank x8 PC4-2400T-R (standard memory)*	852545-001	Mandatory ¹

	c) 16 GB, single-rank x4 PC4-2400T-R*	846740-001	Mandatory ¹
	d) 16 GB, dual-rank x4 PC4-2400T-R*	819411-001	Mandatory ¹
	e) 32 GB, dual-rank x4 PC4-2400T-L*	819414-001	Mandatory ¹
	f) 32 GB, dual rank x4 PC4-2400T-R*	819412-001	Mandatory ¹
21	Hot-swap fan	790536-001	Mandatory ¹
22	Front I/O assembly	790528-001	Mandatory ¹
23	Quick-release latch rack ear assembly	792120-001	Optional ²
24	4-bay LFF non-hot-plug drive backplane	790486-001	Optional ²
25	4-bay LFF hot-plug drive backplane	790487-001	Optional ²
26	Smart Storage Battery	815983-001	Mandatory ¹
27	HPE 550 W Power Supply (non-hot-plug)	766879-001	Optional ²
28	RPS backplane assemblies	—	—
	a) AC RPS backplane assembly	784636-001	Optional ²
	b) AC/240V DC RPS backplane assembly*	830022-001	Optional ²
29	Hot-plug power input modules	—	—
	a) HPE 800 W/900 W Gold AC Power Input Module	754376-001	Mandatory ¹
	b) HPE 900 W AC/ 240 V DC Gold Power Input Module*	830219-001	Mandatory ¹
30	System cables	—	—
	a) 4-bay LFF hot-plug Mini-SAS cable for HPE Smart Host Bus Adapter*	790544-001	Mandatory ¹
	b) 4-bay LFF hot-plug Mini-SAS Y-cable for HPE Smart Array P-series Controller*	790543-001	Mandatory ¹
	c) 4-bay LFF hot-plug Mini-SAS cable for connection to the onboard storage controller*	790518-001	Mandatory ¹
	d) 4-bay LFF non-hot-plug SATA cable for connection to the onboard storage controller*	790517-001	Mandatory ¹
	e) 6-pin hot-plug LFF drive power cable*	790546-001	Mandatory ¹
	f) GPU power cable*	790547-001	Mandatory ¹
31	Trusted Platform Module*	—	—
	a) TPM 1.2*	505836-001	No ³
	b) TPM 2.0*	812119-001	No ³

*Not shown

**All processors in this HPE ProLiant server must have the same cache size, speed, number of cores, and rated maximum power consumption.

¹Mandatory—Parts for which customer self repair is mandatory. If you request Hewlett Packard Enterprise to replace these parts, you will be charged for the travel and labor costs of this service.

²Optional—Parts for which customer self repair is optional. These parts are also designed for customer self repair. If, however, you require that Hewlett Packard Enterprise replace them for you, there may or may not be additional charges, depending on the type of warranty service designated for your product.

³No—Some Hewlett Packard Enterprise parts are not designed for customer self repair. In order to satisfy the customer warranty, Hewlett Packard Enterprise requires that an authorized service provider replace the part. These parts are identified as "No" in the Illustrated Parts Catalog.