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Purchase MS Window Server 2019 License at PWP cost with purchase of any Xeon processor		Normal Cost
VPN	Description	(SGD)/unit before GST
P73-07788	Microsoft Windows Server 2019 Standard 64-Bit OEM (16 Core)	$1,061.00
P73-07807	Microsoft Windows Server 2019 Standard 64-Bit OEM (24 Core)	$1,580.00

Server CPU - Boxed

FX: 1.4

Product Code	Server & Workstation	Proc No	Cores/Threads	GHz	Turbo	Cache	FSB/QPI	Pkg	MATERIAL	PRICE (USD/PC)		PRICE (SGD/PC)
BX806958256	Xeon Scalable Processor (4-core)**	8256	4/8	3.80	Yes	16.5M	10.4 GT/sec	FC-LGA3647	4468800	USD	6,686	SGD 9,360
BX806738180	Xeon Scalable Processor (28-core)**	8180	28/56	2.50	Yes	38.5M	10.4 GT/sec	FC-LGA14	4273099	USD	9,547	SGD 13,366
BX806738176	Xeon Scalable Processor (28-core)**	8176	28/56	2.10	Yes	38.5M	10.4 GT/sec	FC-LGA14	4273098	USD	8,318	SGD 11,645
BX806738170	Xeon Scalable Processor (26-core)**	8170	26/52	2.10	Yes	35.75M	10.4 GT/sec	FC-LGA14	4273097	USD	7,066	SGD 9,892
BX806738164	Xeon Scalable Processor (26-core)**	8164	26/52	2.00	Yes	35.75M	10.4 GT/sec	FC-LGA14	4273096	USD	5,834	SGD 8,168
BX806738160	Xeon Scalable Processor (24-core)**	8160	24/48	2.10	Yes	33M	10.4 GT/sec	FC-LGA14	4273095	USD	4,488	SGD 6,283
BX80695 6252	Xeon Scalable Processor (24-core)**	6252	24/48	2.10	Yes	35.75M	10.4 GT/sec	FC-LGA3647	4490480	USD	3,490	SGD 4,886
BX806736152	Xeon Scalable Processor (22-core)**	6152	22/44	2.10	Yes	30.25M	10.4 GT/sec	FC-LGA14	3697965	USD	3,490	SGD 4,886
BX80695 6248	Xeon Scalable Processor (20-core)**	6248	20/40	2.50	Yes	27.5M	10.4 GT/sec	FC-LGA3647	4490479	USD	2,935	SGD 4,109
BX806736148	Xeon Scalable Processor (20-core)**	6148	20/40	2.40	Yes	27.5M	10.4 GT/sec	FC-LGA14	3697964	USD	2,935	SGD 4,109
BX80695 6242	Xeon Scalable Processor (16-core)**	6242	16/32	2.80	Yes	22M	10.4 GT/sec	FC-LGA3647	4490478	USD	2,418	SGD 3,385
BX806736142	Xeon Scalable Processor (16-core)**	6142	16/32	2.60	Yes	22M	10.4 GT/sec	FC-LGA14	4273094	USD	2,814	SGD 3,940
BX80695 6240	Xeon Scalable Processor (18-core)**	6240	18/36	2.60	Yes	24.75M	10.4 GT/sec	FC-LGA3647	4490477	USD	2,337	SGD 3,272
BX806736140	Xeon Scalable Processor (18-core)**	6140	18/36	2.30	Yes	24.75M	10.4 GT/sec	FC-LGA14	4273093	USD	2,337	SGD 3,272
BX806736138	Xeon Scalable Processor (20-core)**	6138	20/40	2.00	Yes	27.5M	10.4 GT/sec	FC-LGA14	4273092	USD	2,496	SGD 3,494
BX806736134	Xeon Scalable Processor (8-core)**	6134	8/16	3.20	Yes	24.75M	10.4 GT/sec	FC-LGA14	4273091	USD	2,117	SGD 2,964
BX80695 6230	Xeon Scalable Processor (20-core)**	6230	20/40	2.10	Yes	27.5M	10.4 GT/sec	FC-LGA3647	4468795	USD	1,812	SGD 2,537
BX806736130	Xeon Scalable Processor (16-core)**	6130	16/32	2.10	Yes	22M	10.4 GT/sec	FC-LGA14	3697959	USD	1,812	SGD 2,537
BX806736128	Xeon Scalable Processor (6-core)**	6128	6/12	3.40	Yes	19.25M	10.4 GT/sec	FC-LGA14	4273090	USD	1,618	SGD 2,265
BX806735122	Xeon Scalable Processor (4-core)**	5122	4/8	3.60	Yes	16.5M	10.4 GT/sec	FC-LGA14	4273089	USD	1,170	SGD 1,638
BX80695 5220	Xeon Scalable Processor (18-core)**	5220	18/36	2.20	Yes	24.75M	10.4 GT/sec	FC-LGA3647	4490475	USD	1,488	SGD 2,083
BX806735120	Xeon Scalable Processor (14-core)**	5120	14/28	2.20	Yes	19.25M	10.4 GT/sec	FC-LGA14	4273088	USD	1,488	SGD 2,083
BX80695 5218	Xeon Scalable Processor (16-core)**	5218	16/32	2.30	Yes	22M	10.4 GT/sec	FC-LGA3647	4490434	USD	1,220	SGD 1,708
BX80695 4216	Xeon Scalable Processor (16-core)**	4216	16/32	2.10	Yes	22M	9.60GT/sec	FC-LGA3647	4490433	USD	965	SGD 1,351
BX80695 4214	XeonScalable Processor (12-core)**	4214	12/24	2.20	Yes	16.5M	9.60GT/sec	FC-LGA3647	4490432	USD	672	SGD 941
BX80695 4210	Xeon Scalable Processor (10-core)**	4210	10/20	2.20	Yes	13.75M	9.60GT/sec	FC-LGA3647	4490431	USD	488	SGD 683
BX80695 4208	Xeon Scalable Processor (8-core)**	4208	8/16	2.10	Yes	11M	9.60GT/sec	FC-LGA3647	4490430	USD	408	SGD 571
BX806734116	Xeon Scalable Processor (12-core)**	4116	12/24	2.10	Yes	16.5M	9.60 GT/sec	FC-LGA14	4273087	USD	965	SGD 1,351
BX806734114	Xeon Scalable Processor (10-core)**	4114	10/20	2.20	Yes	13.75M	9.60 GT/sec	FC-LGA14	3697954	USD	672	SGD 941
BX806734112	Xeon Scalable Processor (4-core)**	4112	4/8	2.60	Yes	8.25M	9.60 GT/sec	FC-LGA14	4273086	USD	461	SGD 645
BX806734110	Xeon Scalable Processor (8-core)**	4110	8/16	2.10	Yes	11M	9.60 GT/sec	FC-LGA14	4273085	USD	488	SGD 683
BX806734108	Xeon Scalable Processor (8-core)**	4108	8/16	1.80	Yes	11M	9.60 GT/sec	FC-LGA14	4273954	USD	408	SGD 571
BX80695 3204	Xeon Scalable Processor (6-core)**	3204	6/6	1.90	No	8.25M	9.60GT/sec	FC-LGA3647	4490429	USD	213	SGD 298
BX806733106	Xeon Scalable Processor (8-core)**	3106	8/8	1.70	No	11M	9.60 GT/sec	FC-LGA14	4272953	USD	302	SGD 423
BX806733104	Xeon Scalable Processor (6-core)**	3104	6/6	1.70	No	8.25M	9.60 GT/sec	FC-LGA14	3698993	USD	213	SGD 298

*** = Thermal solution is not included and may be ordered separately; see options listed below for thermal solution offerings.

Product Code	DP Server & Workstation	Proc No	Cores/Threads	GHz	Turbo	Cache	FSB/QPI	Pkg	MATERIAL	RESELLER PRICE (USD/PC)		RESELLER PRICE (SGD/PC)
BX80660E52697V4	Xeon® processor (18-core) ***	E5-2697 v4	18/36	2.30	Yes	45M	9.60 GT/sec	LGA2011-3	3141839	USD	2,580	SGD 3,612
BX80644E52697V3	Xeon processor (14-core) ***	E5-2697 v3	14/28	2.60	Yes	35M	9.60 GT/sec	LGA2011-3	2700497	USD	2,580	SGD 3,612
BX80660E52695V4	Xeon processor (18-core) ***	E5-2695 v4	18/36	2.10	Yes	45M	9.60 GT/sec	LGA2011-3	3141838	USD	2,314	SGD 3,240
BX80644E52695V3	Xeon processor (14-core) ***	E5-2695 v3	14/28	2.30	Yes	35M	9.60 GT/sec	LGA2011-3	2700496	USD	2,314	SGD 3,240
BX80660E52690V4	Xeon processor (14-core) ***	E5-2690 v4	14/28	2.60	Yes	35M	9.60 GT/sec	LGA2011-3	3141837	USD	1,996	SGD 2,794
BX80660E52683V4	Xeon processor (16-core) ***	E5-2683 v4	16/32	2.10	Yes	40M	9.60 GT/sec	LGA2011-3	3141835	USD	1,764	SGD 2,470
BX80660E52680V4	Xeon processor (14-core) ***	E5-2680 v4	14/28	2.40	Yes	35M	9.60 GT/sec	LGA2011-3	3141834	USD	1,668	SGD 2,335
BX80644E52680V3	Xeon processor (12-core) ***	E5-2680 v3	12/24	2.50	Yes	30M	9.60 GT/sec	LGA2011-3	2700493	USD	1,668	SGD 2,335
BX80660E52660V4	Xeon processor (14-core) ***	E5-2660 v4	14/28	2.00	Yes	35M	9.60 GT/sec	LGA2011-3	3141833	USD	1,381	SGD 1,933
BX80644E52660V3	Xeon processor (10-core) ***	E5-2660 v3	10/20	2.60	Yes	25M	9.60 GT/sec	LGA2011-3	2700491	USD	1,381	SGD 1,933
BX80660E52650V4	Xeon processor (12-core) ***	E5-2650 v4	12/24	2.20	Yes	30M	9.60 GT/sec	LGA2011-3	3141832	USD	1,116	SGD 1,562
BX80644E52640V3	Xeon processor (8-core) ***	E5-2640 v3	8/16	2.60	Yes	20M	8.00 GT/sec	LGA2011-3	2700489	USD	900	SGD 1,260
BX80660E52640V4	Xeon processor (10-core) ***	E5-2640 v4	10/20	2.40	Yes	25M	8.00 GT/sec	LGA2011-3	3141831	USD	900	SGD 1,260
BX80660E52630V4	Xeon processor (10-core) ***	E5- 2630V4	10/20	2.20	Yes	25M	8.00 GT/sec	LGA2011-3	3141830	USD	640	SGD 896
BX80660E52620V4	Xeon processor (8-core) ***	E5-2620 v4	8/16	2.10	Yes	20M	8.00 GT/sec	LGA2011-3	3141829	USD	402	SGD 563
BX80644E52620V3	Xeon processor (6-core) ***	E5-2620 v3	6/12	2.40	Yes	15M	8.00 GT/sec	LGA2011-3	2700487	USD	402	SGD 563
BX80660E52609V4	Xeon processor (8-core) ***	E5-2609 v4	8/8	1.70	No	20M	6.40 GT/sec	LGA2011-3	3141828	USD	296	SGD 414
BX80644E52609V3	Xeon processor (6-core) ***	E5-2609 v3	6/6	1.90	No	15M	6.40 GT/sec	LGA2011-3	2700486	USD	292	SGD 409
BX80660E52603V4	Xeon processor (6-core) ***	E5-2603 v4	6/6	1.70	No	15M	6.40 GT/sec	LGA2011-3	3141827	USD	207	SGD 290
BX80660E52687V4	Xeon processor (12-core) ***	E5-2687W v4	12/24	3.00	Yes	30M	9.60 GT/sec	LGA2011-3	3141836	USD	2,045	SGD 2,863

*** = Thermal solution is not included and may be ordered separately; see options listed below for thermal solution offerings.

Product Code	UP Server & Workstation	Proc No	Cores/Threads	GHz	Turbo	Cache	FSB/QPI	Pkg	Material	RESELLER PRICE (USD/PC)		RESELLER PRICE (SGD/PC)
BX80660E51650V4	Xeon processor (6-core) ***	E5- 1650 v4	6/12	3.60	Yes	15M		LGA2011-3	3270101	USD	592	SGD 829
BX80644E51650V3	Xeon processor (6-core) ***	E5-1650 v3	6/12	3.50	Yes	15M		LGA2011-3	2700484	USD	559	SGD 783
BX80660E51620V4	Xeon processor (4-core) ***	E5- 1620 v4	4/8	3.50	Yes	10M		LGA2011-3	3270100	USD	284	SGD 398
BX80644E51620V3	Xeon processor (quad core) ***	E5- 1620 v3	4/8	3.50	Yes	10M		LGA2011-3	2700483	USD	284	SGD 398
BX80684E2176G	Xeon processor (6-core)**	E-2176G	6/12	3.70	Yes	12M		LGA1151	4395969	USD	350	SGD 490
BX80684E2174G	Xeon processor (4-core)**	E-2174G	4/8	3.80	Yes	8M		LGA1151		USD	318	SGD 445
BX80684E2146G	Xeon processor (6-core)**	E-2146G	6/12	3.50	Yes	12M		LGA1151		USD	302	SGD 423
BX80684E2136	Xeon processor (6-core)**	E-2136	6/12	3.30	Yes	12M		LGA1151		USD	275	SGD 385
BX80684E2134	Xeon processor (4-core)**	E-2134	4/8	3.50	Yes	8M		LGA1151		USD	244	SGD 342
BX80684E2124G	Xeon processor (4-core)**	E-2124G	4/4	3.40	Yes	8M		LGA1151		USD	208	SGD 291
BX80684E2124	Xeon processor (4-core)**	E-2124	4/4	3.30	Yes	8M		LGA1151		USD	189	SGD 265
BX80673W2135	Xeon W processor (6 core) *** **	W-2135	6/12	3.70	Yes	8.25M		FCLGA2066	4101483	USD	799	SGD 1,119
BX80673W2123	Xeon W processor (4-core) *** **	W-2123	4/8	3.60	Yes	8.25M		FCLGA2066	4101482	USD	284	SGD 398
BX80646E31276V3	Xeon processor (quad core)	E3-1276 v3	4/8	3.60	Yes	8M		LGA1150	2622966	USD	334	SGD 468
BX80646E31271V3	Xeon processor (quad core)	E3-1271 v3	4/8	3.60	Yes	8M		LGA1150	2622965	USD	323	SGD 452
BX80646E31246V3	Xeon processor (quad core)	E3-1246 v3	4/8	3.50	Yes	8M		LGA1150	2621964	USD	273	SGD 382
BX80646E31241V3	Xeon processor (quad core)	E3-1241 v3	4/8	3.50	Yes	8M		LGA1150	2621963	USD	260	SGD 364
BX80646E31231V3	Xeon processor (quad core)	E3-1231 v3	4/8	3.40	Yes	8M		LGA1150	2621962	USD	239	SGD 335
BX80646E31226V3	Xeon processor (quad core)	E3-1226 v3	4/4	3.30	Yes	8M		LGA1150	2621961	USD	213	SGD 298
BX80646E31270V3	Xeon processor (quad core)	E3-1270 v3	4/8	3.50	Yes	8M		LGA1150	2418195	USD	323	SGD 452
BX80646E31240V3	Xeon processor (quad core)	E3-1240 v3	4/8	3.40	Yes	8M		LGA1150	2418183	USD	260	SGD 364
BX80646E31230V3	Xeon processor (quad core)	E3-1230 v3	4/8	3.30	Yes	8M		LGA1150	2418182	USD	239	SGD 335
BX80646E31220V3	Xeon processor (quad core)	E3-1220 v3	4/4	3.10	Yes	8M		LGA1150	2418180	USD	194	SGD 272
BX80646E31275V3	Xeon processor (quad core)	E3-1275 v3	4/8	3.50	Yes	8M		LGA1150	2418196	USD	334	SGD 468
BX80646E31245V3	Xeon processor (quad core)	E3-1245 v3	4/8	3.40	Yes	8M		LGA1150	2418184	USD	273	SGD 382
BX80646E31225V3	Xeon processor (quad core)	E3-1225 v3	4/4	3.20	Yes	8M		LGA1150	2418181	USD	213	SGD 298
BX80677E31270V6	Xeon processor (4-core)	E3-1270 v6	4/8	3.80	Yes	8M		LGA1151	3540635	USD	323	SGD 452
BX80662E31270V5	Xeon processor (quad core)	E3-1270 v5	4/8	3.60	Yes	8M		LGA1151	3051100	USD	323	SGD 452
BX80677E31240V6	Xeon processor (4-core)	E3-1240 v6	4/8	3.70	Yes	8M		LGA1151	3540633	USD	269	SGD 377
BX80662E31240V5	Xeon processor (quad core)	E3-1240 v5	4/8	3.50	Yes	8M		LGA1151	3051098	USD	269	SGD 377
BX80677E31230V6	Xeon processor (4-core)	E3-1230 v6	4/8	3.50	Yes	8M		LGA1151	3540632	USD	249	SGD 349
BX80662E31230V5	Xeon processor (quad core)	E3-1230 v5	4/8	3.40	Yes	8M		LGA1151	3051097	USD	249	SGD 349
BX80677E31220V6	Xeon processor (4-core)	E3-1220 v6	4/4	3.00	Yes	8M		LGA1151	3540630	USD	194	SGD 272
BX80662E31220V5	Xeon processor (quad core)	E3-1220 v5	4/4	3.00	Yes	8M		LGA1151	3051095	USD	194	SGD 272
BX80677E31275V6	Xeon processor (4-core)	E3-1275 v6	4/8	3.80	Yes	8M		LGA1151	3540636	USD	334	SGD 468
BX80662E31275V5	Xeon processor (quad core)	E3-1275 v5	4/8	3.60	Yes	8M		LGA1151	3051101	USD	334	SGD 468
BX80677E31245V6	Xeon processor (4-core)	E3-1245 v6	4/8	3.70	Yes	8M		LGA1151	3540634	USD	281	SGD 393
BX80662E31245V5	Xeon processor (quad core)	E3-1245 v5	4/8	3.50	Yes	8M		LGA1151	3051099	USD	281	SGD 393
BX80677E31225V6	Xeon processor (4-core)	E3-1225 v6	4/4	3.30	Yes	8M		LGA1151	3540631	USD	213	SGD 298
BX80662E31225V5	Xeon processor (quad core)	E3-1225 v5	4/4	3.30	Yes	8M		LGA1151	3051096	USD	213	SGD 298

*** = Thermal solution is not included and may be ordered separately; see options listed below for thermal solution offerings.

Product Code	Server Thermal Solutions - Standard Order Increment = 1 unit	Proc No	Cores/Threads	GHz	Turbo	Cache	FSB/QPI	Pkg	Material	RESELLER PRICE (USD/PC)		RESELLER PRICE (SGD/PC)
BXSTS200C	Thermal Solution (Combo) **for LGA 2011**	STS200C	Intel Boxed Thermal Solutions, heat sink combo with removable fan. For use with 2U/3U/4U/5U non-Intel chassis.						1914217	USD	34	SGD 48
BXSTS200PNRW	Thermal Solution (Narrow) for LGA 2011	STS200PNRW	Spare narrow copper heatsink, for S2600GZ (24-DIMM) board							USD	28	SGD 39
BXSTS200P	Thermal Solution (Passive) **for LGA 2011**	STS200P	Intel Boxed Thermal Solutions, passive 25.5mm heat sink. For use with 1U non-Intel chassis							USD	30	SGD 42
BXSTS100P	Thermal Solution (Passive) for LGA 1366	STS100P	Passive Heat-Sink with Ducted Airflow						1021757	USD	26	SGD 36