

## PB60

DDR4 2133 Qualified Vendors List (QVL)				
Vendors	Part No.	Size	Chip Brand	Chip NO.
Crucial	CT16G4SFD8213.16FA1	16GB	-	D9SRJ
Crucial	CT4G4SFS8213.8FA2	4GB	-	D9RGQ
Crucial	CT8G4SFD8213.16FA2	8GB	-	D9RGQ
Crucial	CT8G4TFD8213.18FA1	8GB	-	D9RGQ
GeIL	GS416GB2133C15DC	8GB	-	K4A4G085WD
GeIL	GS432GB2133C15DC	16GB	-	K4A8G085WBBCPB
GeIL	S48GB2133C15DC	4GB	-	K4A4GQ85WD
Kingston	KVR21SE15D8/8	8GB	-	H5AN4G8NMFRTFC
Kingston	KVR21SE15S8/4	4GB	-	H5AN4G8NMFRTFC
panram	W4N2133PS-8G	8GB	-	DTCCH9979G
SAMSUNG	M471A1K43BB0-CPB	8GB	-	0
SAMSUNG	M471A5143EB0-CPB	4GB	-	0
SAMSUNG	M471A5644EB0-CPB	2GB	-	0
SK Hynix	HMA41GS6AFR8N-TF	8GB	-	0
SK Hynix	HMA41GS6AFR8N-TF	8GB	-	H5AN4G8NAFRTFC
SK Hynix	HMA425S6AFR6N-TF	2GB	-	0
SK Hynix	HMA451S6AFR8N-TF	4GB	-	0
SK Hynix	HMA451S6AFR8N-TFC	4GB	-	H5AN4G8NAFR
SK Hynix	HMA82GS6MFR8N-TF	16GB	-	0
SK Hynix	HMA82GS6MFR8N-TF	16GB	-	H5AN8G8NMFRTFC
Team	TED416G2133C15-SBK	16GB	-	T4D10248HT-21
Team	TED44G2133C15-SBK	4GB	-	T4D5128HT-21
Team	TED48G2133C15-SBK	8GB	-	T4D10248HT-24

DDR4 2400 Qualified Vendors List (QVL)				
Vendors	Part No.	Size	Chip Brand	Chip NO.
ADATA	AD4S240038G17-B	8GB	-	-
ADATA	AD4S2400W8G17-B	8GB	-	H5AN4G8NAFRUHC
ADATA	AD4S400W4G17-B	4GB	-	-
crucial	CT16G4SFD824A.16F B1	16GB	-	-
crucial	CT8G4SFS824A.8FB1	8GB	-	-
Kingston	HX426LS15IBK2/8	4GB	-	H5AN4G8NMFRTFC

<b>panram</b>	W4N2400PS-8G	8GB	-	DTCCHA76DG1
<b>Team</b>	TED416G2400C16-SBK	16GB	-	T4D10248HT-21
<b>Team</b>	TED44G2400C16-SBK	4GB	-	T4D5128HT-24
<b>Team</b>	TED48G2400C16-SBK	8GB	-	T4D10248HT-24

<b>DDR4 2666 Qualified Vendors List (QVL)</b>				
<b>Vendors</b>	<b>Part No.</b>	<b>Size</b>	<b>Chip Brand</b>	<b>Chip NO.</b>
<b>crucial</b>	BLS16G4S26BFSD.16FB D	16GB	-	-
<b>crucial</b>	BLS4G4S26BFSD.8FBR 2	4GB	-	-
<b>crucial</b>	BLS8G4S26BFSD.16FB R2	8GB	-	-
<b>Kingston</b>	HX426LS15IBK2/8	4GB	-	H5AN4G8NMFRTFC
<b>Crucial</b>	CT4G4SFS8266	4GB	-	-
<b>Transcend</b>	TS2666HSH-4G	4GB	-	-

## 2 DIMM Slots

- 1 DIMM: Supports one module inserted in any slot as Single-channel memory configuration
- 2 DIMM: Supports 2 modules inserted into both the blue or black slots as two pairs of Dual-channel memory configuration

-When installing total memory of 4GB capacity or more, Windows 32-bit operation system may only recognize less than 3GB. Hence, a total installed memory of less than 3GB is recommended.

-It is recommended to install the memory modules from the slots for better overclocking capability.

-The default DIMM frequency depends on its Serial Presence Detect (SPD), which is the standard way of accessing information from a memory module. Under the default state, some memory modules for overclocking may operate at a lower frequency than the vendor-marked value.

-Memory module with memory frequency higher than 2133 MHz and its corresponding timing or the loaded XMP Profile is not the JEDEC memory standard. The stability and compatibility of these memory modules depend on the CPU's capabilities and other installed devices.

-Always install DIMMs with the same CAS latency. For optimal compatibility, we recommend that you install memory modules of the same version or date code (D/C) from the same vendor. Check with the retailer to get the correct memory modules.