

Pro WS C246-ACE Memory QVL - Non-ECC DIMM

-Do not combine DIMMs from multiple kits—even ones of the same make and model. Mixing and matching DIMMs can result in failure to boot.

- Purchasing single DIMMs is not recommended because compatibility cannot be guaranteed.

For the best results, please ensure all memory modules are of the same version or have the same date code (D/C) from the same vendor.

Check with the memory vendor to get the correct memory modules.

-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.

-the stability and compatibility of memory modules with XMP profiles that operate beyond the JEDEC memory standard are not guaranteed.

The stability and compatibility of these memory modules depend on the CPU's capabilities and other installed devices.

DDR4 2133 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	Socket support (QVL)	
								2 DIMM	4 DIMM
Apacer	AU04GGB13CDWBGH	4GB	DS	Micron	PPE05-075E	15-15-15-36	1.2	•	•
Apacer	AU08GGB13CDYBGH	8GB	SS	Micron	AM6F6308BTHSB2	15-15-15-36	1.2	•	•
CENTURY MICRO INC	CD8G-D4U2133	8GB	DS	SK Hynix	H5AN4G8NMFRFC	15-15-15-36	-	•	•
CORSAIR	CMK64GX4M8A2133C13(Ver5.39)(XMP)	8x 8GB	SS	SK Hynix	-	14-15-15-28	1.2	•	•
CORSAIR	CMV16GX4M1A2133C15	16GB	DS	-	-	15-15-15-36	-	•	•
crucial	CT16G4DFD8213.16FB1	16GB	DS	Micron	D9TBH	15-15-15-36	1.2	•	•
crucial	CT4G4DFS8213.8FB1	4GB	SS	Micron	-	15-15-15-36	1.2	•	•
G.SKILL	F4-2133C15Q-16GRR	4x 4GB	SS	Micron	-	15-15-15-35	1.2	•	•
G.SKILL	F4-2133C15Q2-128GVK	8x 16GB	DS	SK Hynix	-	15-15-15-36	1.2	•	•
GelL	GPR416GB2133C15QC	4x 4GB	SS	Micron	-	15-15-15-36	1.2	•	•
GelL	GPR432GB2133C15QC	4x 8GB	SS	Micron	-	15-15-15-36	1.2	•	•
Hyper X	HX421C14FB2K4/32(XMP)	4x 8GB	SS	Micron	-	14-14-14-35	1.2	•	•
Hyper X	HX421C14FBK4/64	4x 16GB	DS	Micron	-	15-15-15-35	1.2	•	•
Kingston	KVR21N15D8/16	16GB	DS	Micron	D9VHP	15-15-15-36	1.2	•	•
Kingston	KVR21N15D8/8	8GB	DS	SK Hynix	H5AN4G8NMFRFC	15-15-15-37	1.2	•	•
Klevv	IM44GU48N21-FFHAB(XMP)	4GB	SS	SK Hynix	-	15-15-15-35	1.2	•	•
Klevv	IM4AGU88N21-FFHMB(XMP)	16GB	DS	SK Hynix	-	15-15-15-35	1.2	•	•
Micron	MTA8ATF1G64AZ-2G1B1	8GB	SS	Micron	-	15-15-15-36	1.2	•	•
Micron	MTA8ATF51264AZ-2G1A2	4GB	SS	Micron	D9RG0	15-15-15-36	-	•	•
panram	W4U2133PS-8G	8GB	SS	SK Hynix	DTCCH872HA2	16-16-16-36	-	•	•
SanMax	SMD-4G28HP-21P	4GB	SS	SK Hynix	H5AN4G8NMFRFC	15-15-15-37	-	•	•
SanMax	SMD-8G28HP-21P	8GB	DS	SK Hynix	H5AN4G8NMFRFC	15-15-15-37	-	•	•
Silicon Power	SP004GBLFU213N01	4GB	SS	Samsung	K4A4G085WD	15-15-15-37	-	•	•
Silicon Power	SP008GBLFU213N01	8GB	DS	Samsung	K4A4G085WD	15-15-15-37	-	•	•
SK Hynix	HMA451U7AFR8N-TF	4GB	SS	SK Hynix	H5AN4G8NAFR	15-15-15-36	-	•	•
SUPER TALENT	FBU2B008GM	8GB	DS	Micron	D9RGQ	15-15-15-36	1.2	•	•
Team	TED416G2133C15BK	16GB	DS	Micron	T4D10248MT-24	15-15-15-36	1.2	•	•
Team	TED44GM2133C15ABK	4GB	SS	SK Hynix	H5AN4G8NMFRFC	15-15-15-36	1.2	•	•
UMAX	84G44G93MC-21OMCALGF15	4GB	SS	Micron	D9RGQ	15-15-15-36	-	•	•
UMAX	84G48G93MC-21OMCGNGF15	8GB	DS	Micron	D9RGQ	15-15-15-36	-	•	•
V-color	TC48G21S815-IMS	8GB	SS	Micron	-	15-15-15-36	1.2	•	•

DDR4 2400 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	Socket support (QVL)	
								2 DIMM	4 DIMM
ADATA	AD4U2400316G17	16GB	DS	Nanya	NT3AD1024M0A3-67	17-17-17-39	1.2	•	•
ADATA	AD4X240038G17	8GB	SS	SpecTech	PS023-093 TP	17-17-17-39	1.2	•	•
Antec	AMD4UZ124001508G-3S	8GB	SS	Samsung	K4A8G085WBBCPB	15-15-15-39	1.2	•	•
Antec	AMD4UZ124001608G-5S	8GB	SS	Micron	-	16-16-16-36	1.2	•	•
Apacer	AU04GGB24CETBGH	4GB	SS	Micron	AM6F67080THSB2	17-17-17-39	1.2	•	•
Apacer	AU04GGB24CEWBGH	4GB	DS	SK Hynix	H5AN4G6NAFRUHC	17-17-17-39	-	•	•
Asgard	VML41UE-MIC1U22Q1	2GB	SS	Micron	-	17-17-17-39	1.2	•	•
CORSAIR	CMK128GX4M8A2400C14(Ver3.31)(XMP)	8x 16GB	DS	Micron	-	15-16-16-31	1.2	•	•
CORSAIR	CMK32GX4M4A2400C14(Ver3.31)(XMP)	4x 8GB	SS	Micron	-	14-16-16-31	1.2	•	•
crucial	BLS8G4D240FSBK.8FBD(XMP)	8GB	SS	Micron	-	16-16-16-39	1.2	•	•
crucial	CT16G4DFD824A.C16FDR1	16GB	DS	Micron	C9BGV	17-17-17-39	1.2	•	•
G.SKILL	F4-2400C14Q2-128GRK(XMP)	8x 16GB	DS	SK Hynix	-	14-14-14-34	1.2	•	•
G.SKILL	F4-2400C15Q-16GRR(XMP)	4x 4GB	SS	Micron	-	15-15-15-35	1.2	•	•
GALAX	Gamer Aurira Vision (XMP)	8GB	SS	Micron	-	17-16-16-36	1.2	•	•
GelL	GEL416GB2400C17SC	16GB	DS	GelL	CG4L1GM88BA093AH	17-17-17-39	-	•	•
GelL	GEL48GB2400C17SC	8GB	SS	GelL	GEL48GB2400C17SC	17-17-17-39	-	•	•
GLOWAY	TYP4U2400D17021C	2GB	SS	Micron	-	17-17-17-39	1.2	•	•
Hyper X	HX424C15FB2/8(XMP)	8GB	SS	Hynix	-	15-15-15-35	1.2	•	•
Hyper X	HX424C15FBK2/32	2x 16GB	DS	Hynix	-	15-15-15-35	1.2	•	•
KINGMAX	GLLF62F-DAKZIG-CLBU	4GB	SS	KINGMAX	PS029-093-TP	17-17-17-39	-	•	•
KINGMAX	GLLH22F-18KIIA-CFBU2	16GB	DS	KINGMAX	PS0223-093-TP	17-17-17-39	-	•	•
Kingston	KVR24N17D8/8	8GB	DS	Micron	D9TGG	17-17-17-39	1.2	•	•
Kingston	KVR24N17S6/4	4GB	SS	Micron	-	17-17-17-39	1.2	•	•

Klevv	IM44GU48N24-FFFHAB(XMP)	4GB	SS	SK Hynix	-	15-15-15-35	1.2	●
Klevv	IM4AGU88N24-FFFHMZ(XMP)	16GB	DS	SK Hynix	-	15-15-15-35	1.2	●
Micron	MTA16ATF2G64AZ-2G3B1	16GB	DS	Micron	D9TBH	17-17-17-39	1.2	●
panram	W4U2400PS-8G	8GB	SS	SK Hynix	DTCCH912G2	14-14-14-31	-	●
PATRIOT	PSD416G24002	16GB	DS	Samsung	K4A8G085WB	17-17-17-39	1.2	●
PATRIOT	PVE416G240C5KRD(XMP)	2x 8GB	SS	-	-	15-15-15-35	-	●
SK Hynix	HMA81GU6AFR8N-UH	8GB	SS	SK Hynix	H5AN8GBNAFRUHC	17-17-17-39	-	●
SK Hynix	HMA851U6AFR6N-UH	4GB	SS	SK Hynix	H5AN8G6NAFRUHC	17-17-17-39	-	●
Team	TCD48G2400C14BK(XMP)	8GB	SS	-	T4D10248MT-24	15-16-16-31	1.2	●
Team	TED416G2400C16BK	16GB	DS	Micron	T4D10248MT-24	16-16-16-39	1.2	●
Team	TED48G2400C16BK	8GB	SS	Team	T4D10248MT-24	16-16-16-39	1.2	●
V-color	TD4G8C17-UH	4GB	SS	SK Hynix	DW3J0460HM	15-15-15-36	1.2	●

DDR4 2666 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	Socket support (Q2 DIMM 4 DIMM)
ADATA	AO2P26KCST2	16GB	DS	ADATA	43QA-0810LMA1010K	19-19-19-43	1.2	●
ADATA	AX4U266638G16-BRS(XMP)	8GB	SS	Nanya	-	16-16-16-39	1.2	●
AITC	AID48G26RDZ	8GB	SS	Micron	-	19-19-19-43	-	●
Antec	AMD4U2126661608G-5S(XMP)	8GB	SS	Micron	-	16-18-18-35	1.2	●
Apacer	AU04GGB26CQTBGH	4GB	SS	-	PPE22-093	19-19-19-43	-	●
Apacer	AU08GGB26CQYBGH	8GB	SS	Apacer	AM6F63080HHMF5	19-19-19-43	1.2	●
Asgard	VMA42UH-MEC1U2AJ2(XMP)	16GB	SS	-	-	19-19-19-43	1.2	●
CORSAIR	CMD64GX4M8A2666C15(Ver5.32)(XMP)	8x 8GB	SS	Hynix	-	15-17-17-35	1.2	● ●
CORSAIR	CMK128GX4M8A2666C16(Ver3.31)(XMP)	8x 16GB	DS	Micron	-	16-18-18-35	1.2	● ●
CORSAIR	CMK8GX4M2A2666C16(Ver3.22)(XMP)	2x 4GB	SS	Micron	-	16-18-18-35	1.2	●
crucial	BLS16G4D26BFSB.16FD(XMP)	16GB	DS	Micron	-	16-18-18-38	1.2	●
crucial	BLS4G4D26BFSB.8FB(XMP)	4GB	SS	Micron	-	16-18-18-38	1.2	●
Crucial	CT16G4DFD8266.M16FE	16GB	DS	Micron	D9VPP	19-19-19-43	1.2	●
crucial	CT32G4DFD8266.16FB1	32GB	DS	Micron	D9XPF	19-19-19-43	1.2	● ●
crucial	CT8G4DFS8266.M8FE	8GB	SS	Micron	D9VPP	19-19-19-43	1.2	●
G.SKILL	F4-2666C15Q-32GRR(XMP)	4x 8GB	DS	SK Hynix	-	15-15-15-35	1.2	● ●
G.SKILL	F4-2666C16Q2-128GVK(XMP)	8x 16GB	DS	SK Hynix	-	16-16-16-36	1.2	● ●
GeIL	GREXR432GB2666C16QC(XMP)	4x 8GB	SS	Micron	-	16-18-18-36	1.35	● ●
GeIL	GREXR464GB2666C16QC(XMP)	4x 16GB	DS	Micron	-	16-18-18-36	1.35	● ●
Hyper X	HX426C13PB3K4/64(XMP)	16GB	DS	SK Hynix	-	13-15-15-35	1.35	●
Hyper X	HX426C16FB2K4/32(XMP)	4x 8GB	SS	SK Hynix	-	16-18-18-39	1.2	●
Kingston	KVR26N19D8/16	16GB	DS	Micron	D9VHP	19-19-19-43	1.2	●
Kingston	KVR26N19S8/8	8GB	SS	Micron	-	19-19-19-43	1.2	●
Klevv	KD44GU481-26N1600(XMP)	4GB	SS	ESSENCOR E	E5AN4G8N1JR	16-18-18-38	1.2	●
Klevv	KD48GU481-26N1600(XMP)	8GB	DS	ESSENCOR E	E5AN4G8N1JR	16-18-18-38	1.2	●
Micron	MTA16ATF2G64AZ-2G6E1	16GB	DS	Micron	D9VPP	19-19-19-43	1.2	●
Micron	MTA8ATF1G64AZ-2G6E1	8GB	SS	Micron	-	19-19-19-43	1.2	●
panram	W4U2666PS-16G	2x 16GB	DS	SK Hynix	DDR4-1GM8-26	16-18-18-35	1.2	●
panram	W4U2666PS-8G	2x 8GB	SS	SK Hynix	DDR4-1GM8-26	16-18-18-35	1.2	●
Patriot	PVR416G266C5K(XMP)	2x 8GB	SS	Micron	-	15-17-17-35	1.2	●
SK Hynix	HMA81GU6CJR8N-VK	8GB	SS	SK Hynix	H5AN8G8NCJR	19-19-19-43	1.2	●
SK Hynix	HMA82GU6CJR8N-VK	16GB	DS	SK Hynix	H5AN8G8NCJ	19-19-19-43	-	●
SL LINK	J4AGUH1G8QHBC	16GB	DS	SK Hynix	H5AN8G8NAFRVKC	19-19-19-43	1.2	●
SL LINK	J4BGUS2G8QHBC	32GB	DS	-	K4AAG085WMBCTD	19-19-19-43	1.2	● ●
Team	TED44G2666C19BK	4GB	SS	Team	T4D5128MT-266	19-19-19-43	1.2	●
Team	TPD432G2666HC19QC01	4x 8GB	SS	Micron	-	19-19-19-43	1.2	● ●
Team	TPD464G2666HC19QC01	4x 16GB	DS	Micron	-	19-19-19-43	1.2	● ●
Tigo	TMKG8G2666C16(XMP)	8GB	SS	Micron	-	16-18-18-38	1.2	●