

Memory Module Platform Compatibility List

INTEL LGA 1700

Frequency	Motherboard	Memory IC	Rank	CPU	Note								
≤6000 MT/s	ASUS	ASUS PRIME Z690-A/P/WIFI	Hynix A (2GB) Hynix M (2GB) Hynix M (3GB) Spectek Y52 (2GB)	Single/Dual Rank	12th Gen Intel Core(non-K series) 12th Gen Intel Core(K / KF series) 13th Gen Intel Core(non-K series) 13th Gen Intel Core(K/KF series) 14th Gen Intel Core(non-K series) 14th Gen Intel Core(K/KF series)	Z690/B660/B760 Z790REFRESH B760REFRESH CHIPSET 6Layer+ MB Supported							
		ROG STRIX Z690-A/E/G/I GAMING WIFI											
		ROG STRIX B660-A/I/G/F GAMING WIFI											
		PRIME Z790-A/V/P/WIFI											
		ROG STRIX Z790-F/E/I GAMING WIFI											
		ROG Z790 HERO/DARK HERO/EXTREME											
		ROG STRIX B760-I/G/A/BTF GAMING WIFI											
		B760M-T/P/T/R2.0											
		PRIME B760M-A/P/AYW/WIFI											
	MSI	MSI PRO Z690-A/P/WIFI											
		Z690TOMAHAWK/FORCE/EDGE/EDGE ti WIFI											
		Z690 CARBON/UNIFY/ACE GODLIKE											
		PRO B660M-P/G/A/WIFI											
		PRO Z790-A/V-P											
		Z790 CARBON/UNIFY/ACE GODLIKE											
		PRO B760M-A/B/E/G											
		B760M MORTAR(MAX)/GAMING/EDGE WIFI											
		Z690 AORUS PRO/ELITE/GAMING X											
	GBT	Z690 AORUS MASTER/EXTREME											
		B660M AORUS ELITE AX/PRO/PRO AX											
		Z790 EAGLE/UD/GAMING/GAMING X											
		Z790 AORUS PRO X/ELITE /ELIET X/AX ICE											
		Z790 AORUS MASTER/EXTREME											
		ASUS PRIME Z690-A/P/WIFI					Hynix A (2GB) Hynix M (2GB) Hynix M (3GB) Spectek Y52 (2GB)	Single Rank	12th Gen Intel Core(non-K series) 12th Gen Intel Core(K / KF series) 13th Gen Intel Core(non-K series) 13th Gen Intel Core(K/KF series) 14th Gen Intel Core(non-K series) 14th Gen Intel Core(K/KF series)	Z690/B760/Z790 REFRESH/B760 REFRESH CHIPSET 6Layer+ MB Supported			
		ROG STRIX Z690-A/E/G/I GAMING WIFI											
		PRIME Z790-A/V/P/WIFI											
		ROG STRIX Z790-F/E/I GAMING WIFI											
ROG Z790 HERO/DARK HERO/EXTREME													
ROG STRIX B760-I/G/A/BTF GAMING WIFI													
B760M-T/P/T/R2.0													
PRIME B760M-A/P/AYW/WIFI													
MSI PRO Z690-A/P/WIFI													
Z690TOMAHAWK/FORCE/EDGE/EDGE ti WIFI													
Z690 CARBON/UNIFY/ACE GODLIKE													
PRO Z790-A/V-P													
Z790 CARBON/UNIFY/ACE GODLIKE													
PRO B760M-A/B/E/G													
B760M MORTAR(MAX)/GAMING/EDGE WIFI													
Z690 AORUS PRO/ELITE/GAMING X													
Z690 AORUS MASTER/EXTREME													
Z790 EAGLE/UD/GAMING/GAMING X													
Z790 AORUS PRO X/ELITE /ELIET X/AX ICE													
Z790 AORUS MASTER/EXTREME													
ASUS	ROG STRIX Z790-F/E/I GAMING WIFI	Hynix A (2GB) Hynix M (3GB)	DUAL Rank	13th Gen Intel Core(non-K series) 13th Gen Intel Core(K/KF series) 14th Gen Intel Core(non-K series) 14th Gen Intel Core(K/KF series)	Z790/REFRESH B760/REFRESH CHIPSET 6Layer+ MB Supported								
	ROG Z790 HERO/DARK HERO/EXTREME												
	ROG STRIX B760-I/G/A/BTF GAMING WIFI												
	B760M-T/P/T/R2.0												
	PRIME B760M-A/P/AYW/WIFI												
	PRO Z790-A/V-P												
	Z790 CARBON/UNIFY/ACE GODLIKE												
	PRO B760M-A/B/E/G												
	B760M MORTAR(MAX)/GAMING/EDGE WIFI												
MSI	Z790 EAGLE/UD/GAMING/GAMING X												
	Z790 AORUS PRO X/ELITE /ELIET X/AX ICE												
	Z790 AORUS MASTER/EXTREME												
	PRIME Z790-A/V/P/WIFI					Hynix A (2GB) Hynix M (3GB)	Single Rank	13th Gen Intel Core(non-K series) 13th Gen Intel Core(K/KF series) 14th Gen Intel Core(non-K series) 14th Gen Intel Core(K/KF series)	Z790REFRESH B760/REFRESH CHIPSET 6Layer+ MB Supported				
	ROG STRIX Z790-F/E/I GAMING WIFI												
	ROG Z790 HERO/DARK HERO/EXTREME												
	ROG STRIX B760-I/G/A/BTF GAMING WIFI												
	B760M-T/P/T/R2.0												
	PRIME B760M-A/P/AYW/WIFI												
PRO Z790-A/V-P													
Z790 CARBON/UNIFY/ACE GODLIKE													
PRO B760M-A/B/E/G													
B760M MORTAR(MAX)/GAMING/EDGE WIFI													
GBT	Z790 EAGLE/UD/GAMING/GAMING X												
	Z790 AORUS PRO X/ELITE /ELIET X/AX ICE												
	Z790 AORUS MASTER/EXTREME												
	PRIME Z790-A/V/P/WIFI									Hynix A (2GB) Hynix M (3GB)	Single Rank	13th Gen Intel Core(K/KF series) 14th Gen Intel Core(non-K series) 14th Gen Intel Core(K/KF series)	B760/Z790REFRESH B760/REFRESH CHIPSET 6Layer+ MB Supported
	ROG STRIX Z790-F/E/I GAMING WIFI												
	ROG Z790 HERO/DARK HERO/EXTREME												
	ROG STRIX B760-I/G/A/BTF GAMING WIFI												
	B760M-T/P/T/R2.0												
	PRIME B760M-A/P/AYW/WIFI												
PRO Z790-A/V-P													
Z790 CARBON/UNIFY/ACE GODLIKE													
PRO B760M-A/B/E/G													
B760M MORTAR(MAX)/GAMING/EDGE WIFI													
MSI	Z790 EAGLE/UD/GAMING/GAMING X												
	Z790 AORUS PRO X/ELITE /ELIET X/AX ICE												
	Z790 AORUS MASTER/EXTREME												
	ASUS ROG Z790 APEX/ENCORE	Hynix A (2GB) Hynix M (3GB)	Single Rank	13th Gen Intel Core(K/KF series) 14th Gen Intel Core(K/KF series)	Z790/REFRESH B760/REFRESH CHIPSET 2DIMM MB Supported								
	B760M-T												
	B760M-P												
	B760M-D3C												
	B760M-D3H												
	ASUS PRIME B760M-K												
ASUS Z790 AYW OC WIFI													
ASUS B760M-AYW WIFI													
PRO Z790-A/V-P													
Z790 MPOWER													
MSI	MSI Z790I EGDIE WIFI												
	B760M GAMING WIFI												
	Z790 AORUS TACHYON												
ASROCK	ASROCK Z790I Lighting Wifi												
ASUS	ASUS ROG Z790 APEX/ENCORE					Hynix A (2GB) Hynix M (3GB)	Single Rank	13th Gen Intel Core(K/KF series) 14th Gen Intel Core(K/KF series)	Z790/REFRESH CHIPSET 2DIMM MB Supported				
	ASUS Z790 AYW OC WIFI												
	ASROCK									ASROCK Z790I Lighting Wifi			
ASUS	ASUS Z790 AYW OC WIFI					Hynix M (3GB)	Single Rank	13th Gen Intel Core(K/KF series) 14th Gen Intel Core(K/KF series)					
	ASROCK									ASROCK Z790I Lighting Wifi			

SOCKET AM5

Frequency	Motherboard		Memory IC	Rank	CPU	Note
≤6000 MT/s	ASUS	ASUS TUF GAMING B650M-PLUS/WIFI	Hynix A (2GB) Hynix M (2GB) Hynix M (3GB) Spectek Y52 (2GB)	Single/Dual Rank	7000 Rapheal (X3D included) 8000 PHX APU 9000 GNR	AMD B650/E X670 E CHIPSET 6Layer+ MB Supported
		ROG STRIX B650E-F GAMING WIFI				
		ROG STRIX B650E-I GAMING WIFI				
		ROG STRIX B650-A GAMING WIFI				
	MSI	ASUS EX-B650M-V7				
		MSI B650M-P/A/B/E				
		MSI B650M MORTAR/WIFI				
		MSI B650M GAMING/PLUS WIFI				
	GBT	MSI B650 CARBON WIFI				
		MSI B650I EDGE WIFI				
		GBT B650M GAMING WIFI				
		GBT B650M AORUS ELITE AX/ICE				
GBT	GBT B650I AORUS ULTRA					
	GBT B650 GAMING X/AX					
	B650M H/D2H/D53H					
6400 MT/s	ASUS	ASUS TUF GAMING B650M-PLUS/WIFI	Hynix A (2GB) Hynix M (2GB) Hynix M (3GB)	Single Rank	7000 Rapheal (X3D included) 8000 PHX APU 9000 GNR	AMD B650/E X670 E CHIPSET 6Layer+ MB Supported
		ROG STRIX B650E-F GAMING WIFI				
		ROG STRIX B650E-I GAMING WIFI				
		ROG STRIX B650-A GAMING WIFI				
	MSI	MSI B650M MORTAR/WIFI				
		MSI B650M GAMING/PLUS WIFI				
		MSI B650 CARBON WIFI				
		MSI B650I EDGE WIFI				
	GBT	GBT B650M GAMING WIFI				
		GBT B650M AORUS ELITE AX/ICE				
		GBT B650I AORUS ULTRA				
		GBT B650M GAMING X/AX				
6800 MT/s	ASUS	ASUS TUF GAMING B650M-PLUS/WIFI	Hynix A (2GB) Hynix M (3GB)	Single Rank	7000 Rapheal (X3D included) 8000 PHX APU 9000 GNR	AMD B650/E X670 E CHIPSET 6Layer+ MB Supported
		ROG STRIX B650E-F GAMING WIFI				
		ROG STRIX B650E-I GAMING WIFI				
		ROG STRIX B650-A GAMING WIFI				
	MSI	MSI B650M MORTAR/WIFI				
		MSI B650M GAMING/PLUS WIFI				
		MSI B650 CARBON WIFI				
		MSI B650I EDGE WIFI				
	GBT	GBT B650M GAMING WIFI				
		GBT B650M AORUS ELITE AX/ICE				
		GBT B650I AORUS ULTRA				
		GBT B650M GAMING X/AX				
7200 MT/s	ASUS	ROG CROSSHAIR X670E HERO/EXTREME	Hynix A (2GB) Hynix M (3GB)	Single Rank	7000 Rapheal (X3D included) 8000 PHX APU 9000 GNR	AMD B650/E X670 E CHIPSET 6Layer+ MB Supported
		ROG STRIX B650E-F GAMING WIFI				
		ROG STRIX B650E-I GAMING WIFI				
		ROG STRIX B650-A GAMING WIFI				
	MSI	MSI B650M MORTAR/WIFI				
		MSI B650M GAMING/PLUS WIFI				
		MSI B650 CARBON WIFI				
		MSI B650I EDGE WIFI				
	GBT	GBT B650M GAMING WIFI				
		GBT B650M AORUS ELITE AX/ICE				
		GBT B650I AORUS ULTRA				
		GBT B650M GAMING X/AX				
7600 MT/s	ASUS	ROG CROSSHAIR X670E HERO/EXTREME	Hynix A (2GB) Hynix M (3GB)	Single Rank	7000 Rapheal (X3D included) 8000 APU PHX	X670E CHIPSET 8Layer+ MB Supported
		ROG STRIX X670E-A GAMING WIFI				
		ROG CROSSHAIR X670E GENE				
		MSI PRO X670-P WIFI				
	MSI	MSI MEG X670E GODLIKE				
		MSI X670 CARBON WIFI				
		X670E AORUS MASTER				
		X670E AORUS PRO X				
	GBT	X670E AORUS XTREME				
7600 MT/s	ASUS	ROG STRIX B650E-F GAMING WIFI	Hynix A (2GB) Hynix M (3GB)	Single Rank	9000 GNR	AMD B650/E X670 E CHIPSET 6Layer+ MB Supported
		ROG STRIX B650E-I GAMING WIFI				
		ROG STRIX B650-A GAMING WIFI				
		MSI B650M MORTAR/WIFI				
	MSI	MSI B650M GAMING/PLUS WIFI				
		MSI B650 CARBON WIFI				
		MSI B650I EDGE WIFI				
		GBT B650M GAMING WIFI				
	GBT	GBT B650M AORUS ELITE AX/ICE				
		GBT B650I AORUS ULTRA				
		GBT B650M GAMING X/AX				
8000 MT/s	MSI	MSI B650M GAMING WIFI	Hynix A (2GB) Hynix M (3GB)	Single Rank	8000 APU PHX	
	ASUS	ROG CROSSHAIR X670E GENE				
	GBT	GBT B650E TACHYON				
8000 MT/s	ASUS	GBT B650E TACHYON	Hynix A (2GB) Hynix M (3GB)	Single Rank	9000 GNR	
		ROG STRIX X670E-A GAMING WIFI				
		ROG CROSSHAIR X670E GENE				
		ROG CROSSHAIR X670E HERO				
	MSI	MSI B650M GAMING WIFI				
		MSI MEG X670E GODLIKE				
		MSI X670E CARBON WIFI				
		MSI X670-P WIFI				
	GBT	X670E AORUS MASTER				
		B650E TACHYON				
		X670E AORUS XTREME				