

# 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)	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													
		ROG STRIX Z690-A/E/G/I GAMING WIFI													
		PRIME Z790-A/V/P/WIFI													
		ROG STRIX Z790-F/E/I GAMING WIFI													
6400 MT/s	ASUS	ASUS PRIME Z690-A/P/WIFI	Hynix A (2GB) Hynix M (2GB) Hynix M (3GB)	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					MSI PRO Z690-A/P/WIFI								
	Z690 TOMAHAWK/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														
	GBT	Z790 EAGLE/UD/GAMING/GAMING X													
		Z790 AORUS PRO X/ELITE /ELIET X/AX ICE													
		Z790 AORUS MASTER/EXTREME													
		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 Z790-A/V-P								
	Z790 CARBON/UNIFY/ACE GODLIKE														
PRO B760M-A/B/E/G															
B760M MORTAR(MAX)/GAMING/EDGE WIFI															
Z790 EAGLE/UD/GAMING/GAMING X															
Z790 AORUS PRO X/ELITE /ELIET X/AX ICE															
Z790 AORUS MASTER/EXTREME															
6400 MT/s	ASUS		ASUS PRIME Z690-A/P/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 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 Z790-A/V-P												
	Z790 CARBON/UNIFY/ACE GODLIKE														
	PRO B760M-A/B/E/G														
	B760M MORTAR(MAX)/GAMING/EDGE WIFI														
	Z790 EAGLE/UD/GAMING/GAMING X														
	Z790 AORUS PRO X/ELITE /ELIET X/AX ICE														
	Z790 AORUS MASTER/EXTREME														
	GBT		Z790 AORUS MASTER/EXTREME												
			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 Z790-A/V-P												
			Z790 CARBON/UNIFY/ACE GODLIKE												
	PRO B760M-A/B/E/G														
	B760M MORTAR(MAX)/GAMING/EDGE WIFI														
	Z790 EAGLE/UD/GAMING/GAMING X														
Z790 AORUS PRO X/ELITE /ELIET X/AX ICE															
Z790 AORUS MASTER/EXTREME															
6800 MT/s	ASUS		ASUS PRIME Z690-A/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 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 Z790-A/V-P												
	Z790 CARBON/UNIFY/ACE GODLIKE														
	PRO B760M-A/B/E/G														
	B760M MORTAR(MAX)/GAMING/EDGE WIFI														
	Z790 EAGLE/UD/GAMING/GAMING X														
	Z790 AORUS PRO X/ELITE /ELIET X/AX ICE														
	Z790 AORUS MASTER/EXTREME														
	GBT		Z790 AORUS MASTER/EXTREME												
			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 Z790-A/V-P												
			Z790 CARBON/UNIFY/ACE GODLIKE												
	PRO B760M-A/B/E/G														
	B760M MORTAR(MAX)/GAMING/EDGE WIFI														
	Z790 EAGLE/UD/GAMING/GAMING X														
Z790 AORUS PRO X/ELITE /ELIET X/AX ICE															
Z790 AORUS MASTER/EXTREME															
7200 MT/s	ASUS		ASUS PRIME Z690-A/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 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 Z790-A/V-P												
	Z790 CARBON/UNIFY/ACE GODLIKE														
	PRO B760M-A/B/E/G														
	B760M MORTAR(MAX)/GAMING/EDGE WIFI														
	Z790 EAGLE/UD/GAMING/GAMING X														
	Z790 AORUS PRO X/ELITE /ELIET X/AX ICE														
	Z790 AORUS MASTER/EXTREME														
	GBT		Z790 AORUS MASTER/EXTREME												
			ASUS ROG Z790 APEX/ENCORE												
		B760M-T													
		B760M-P													
		B760M-D3C													
		B760M-D3H													
		ASUS PRIME B760M-K													
		ASUS Z790 AYW OC WIFI													
		ASUS B760M-AYW WIFI													
	8000 MT/s	ASUS	ASUS PRIME Z690-A/P/WIFI					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				
			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 Z790-A/V-P												
		Z790 MPOWER													
		MSI Z790I EDGE WIFI													
		B760M GAMING WIFI													
		GBT	Z790 AORUS TACHYON												
			ASROCK Z790I Lightning Wifi												
			ASUS ROG Z790 APEX/ENCORE												
			ASUS Z790 AYW OC WIFI												
			8200 MT/s	ASUS	ASUS PRIME Z690-A/P/WIFI	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		
ROG STRIX Z690-A/E/G/I GAMING WIFI															
PRIME Z790-A/V/P/WIFI															
ASROCK				ASROCK Z790I Lightning Wifi											
				ASUS Z790 AYW OC WIFI											
		8400 MT/s		ASUS	ASUS PRIME Z690-A/P/WIFI									Hynix M (3GB)	Single Rank
ROG STRIX Z690-A/E/G/I GAMING WIFI															
PRIME Z790-A/V/P/WIFI															
ASROCK				ASROCK Z790I Lightning 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)	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				