

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 B660(M)-P/G/A WIFI				
		PRO Z790-A/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/C/I GAMING WIFI				
		PRIME Z790-A/V/P/WIFI				
		ROG STRIX Z790-F/E/I GAMING WIFI				
6400 MT/s	ASUS	ROG Z790 HERO/DARK HERO/EXTREME	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 CHIPSET 6Layer+ MB Supported
		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/P				
		Z790 CARBON/UNIFY/ACE GODLIKE				
	MSI	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 PRIME Z690-A/P/WIFI				
		ROG STRIX Z690-A/E/C/I GAMING WIFI				
	GBT	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				
		PRO Z790-A-P				
		Z790 CARBON/UNIFY/ACE GODLIKE				
		PRO B760M-A/B/E/G				
6400 MT/s	ASUS	B760M MORTAR(MAX)/GAMING/EDGE 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
		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				
		ROG STRIX Z790-F/E/I GAMING WIFI				
		ROG Z790 HERO/DARK HERO/EXTREME				
		ROG STRIX B760-I/G/A/BTF GAMING WIFI				
	MSI	B760M-T/P/T/R2.0				
		PRIME B760M-A/P/AYW/WIFI				
		PRO Z790-A-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				
	GBT	Z790 AORUS PRO X/ELITE /ELIET X/AX ICE				
		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				
		PRO Z790-A-P				
6800 MT/s	ASUS	Z790 CARBON/UNIFY/ACE GODLIKE	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
		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				
		PRIME Z790-A/V/P/WIFI				
		ROG STRIX Z790-F/E/I GAMING WIFI				
		ROG Z790 HERO/DARK HERO/EXTREME				
	MSI	ROG STRIX B760-I/G/A/BTF GAMING WIFI				
		B760M-T/P/T/R2.0				
		PRIME B760M-A/P/AYW/WIFI				
		PRO Z790-A-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				
	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				
		PRO Z790-A-P				
		Z790 CARBON/UNIFY/ACE GODLIKE				
7200 MT/s	ASUS	PRO B760M-A/B/E/G	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
		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				
		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				
	MSI	B760M-T/P/T/R2.0				
		PRIME B760M-A/P/AYW/WIFI				
		PRO Z790-A-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				
		PRO Z790-A-P				
		Z790 CARBON/UNIFY/ACE GODLIKE				
8000 MT/s	ASUS	PRO B760M-A/B/E/G	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 MORTAR(MAX)/GAMING/EDGE WIFI				
		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				
		ROG STRIX Z790-F/E/I GAMING WIFI				
		ROG Z790 HERO/DARK HERO/EXTREME				
		ROG STRIX B760-I/G/A/BTF GAMING WIFI				
	MSI	B760M-T/P/T/R2.0				
		PRIME B760M-A/P/AYW/WIFI				
		PRO Z790-A-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				
		PRO Z790-A-P				
		Z790 CARBON/UNIFY/ACE GODLIKE				
8000 MT/s	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 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-P				
	MSI	Z790 MPOWER				
		MSI Z790I EGDIE WIFI				
		B760M GAMING WIFI				
		Z790 AORUS TACHYON				
		ASROCK Z790I Lighting Wifi				
		ASUS ROG Z790 APEX/ENCORE				
		B760M-T				
		B760M-P				
		B760M-D3C				
	GBT	B760M-D3H				
		ASUS PRIME B760M-K				
		ASUS Z790 AYW OC WIFI				
		ASUS B760M-AYW WIFI				
		PRO Z790-A-P				
		Z790 MPOWER				
		MSI Z790I EGDIE WIFI				
		B760M GAMING WIFI				
		Z790 AORUS TACHYON				
8200 MT/s	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 Z790I Lighting Wifi				
	ASROCK	ASROCK Z790I Lighting Wifi				
		ASROCK Z790I Lighting Wifi				
		ASROCK Z790I Lighting Wifi				
		ASROCK Z790I Lighting Wifi				
		ASROCK Z790I Lighting Wifi				
		ASROCK Z790I Lighting Wifi				
		ASROCK Z790I Lighting Wifi				
		ASROCK Z790I Lighting Wifi				
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		ASROCK Z790I Lighting Wifi				
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		ASROCK Z790I Lighting Wifi				
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		ASROCK Z790I Lighting Wifi				
		ASROCK Z790I Lighting Wifi				
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		ASROCK Z790I Lighting Wifi				
		ASROCK Z790I Lighting Wifi				
		ASROCK Z790I Lighting Wifi				
		ASROCK Z790I Lighting Wifi				
8400 MT/s	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 Z790I Lighting Wifi				
	ASROCK	ASROCK Z790I Lighting Wifi				
		ASROCK Z790I Lighting Wifi				
		ASROCK Z790I Lighting Wifi				
		ASROCK Z790I Lighting Wifi				
		ASROCK Z790I Lighting Wifi				
		ASROCK Z790I Lighting Wifi				
		ASROCK Z790I Lighting Wifi				
		ASROCK Z790I Lighting Wifi				
		ASROCK Z790I Lighting Wifi				
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		ASROCK Z790I Lighting Wifi				
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		ASROCK Z790I Lighting Wifi				
		ASROCK Z790I Lighting Wifi				
		ASROCK Z790I Lighting Wifi				
		ASROCK Z790I Lighting Wifi				
		ASROCK Z790I Lighting Wifi				
		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 B650I AORUS ULTRA				
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	X670/E 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				
		X670/E AORUS MASTER				
		X670/E 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	X670/E AORUS MASTER				
		B650E TACHYON				
		X670E AORUS XTREME				