

Memory Module Platform Compatibility List

INTEL LGA 1851

Data Rate	Motherboard		Memory IC	Rank	CPU	NOTE
8000 MT/s	ASUS	PRIME Z890-P/WIFI	Hynix A (2GB) Hynix M (3GB)	Single Rank	Intel Core Ultra 200 series	/
		TUF GAMING Z890-PRO/PLUS WIFI				
		Z890 AYW GAMING WIFI W				
		Z890 MAX GAMING WIFI 7				
		ROG STRIX Z890/A/E/F GAMING WIFI				
		ROG Z890 HERO				
		ROG Z890 EXTREME				
		ROG Z890 APEX				
		TUF GAMING B860/M-PLUS/WIFI				
		PRIME B860-P/WIFI				
		ROG STRIX B860-A GAMING WIFI S				
		ROG STRIX B860-I GAMING WIFI				
	MSI	PRO Z890-S				
		PRO Z890-P/A/GAMING PLUS/WIFI				
		MAG Z890 TOMAHAWK WIFI				
		MPG Z890 EDGE TI WIFI				
		MPG Z890 CARBON WIFI				
		MEG Z890 ACE				
		MEG Z890 GODLIKE				
		MEG Z890 UNIFY X				
		MPG Z890I EDGE TI WIFI				
		PRO B860M-W/G/X/WIFI				
		PRO B860/M-P/A/GAMING PLUS/WIFI				
		MAG B860 TOMAHAWK WIFI				
		MPG B860I EDGE TI WIFI				
		MPG B860M MORTAR WIFI				
	GBT	Z890 AORUS MASTER				
		Z890 ELITE X/WIFI 7				
		Z890 ELITE X ICE/WIFI 7				
		Z890I AORUS PRO				
		Z890 GAMING X				
		B860 AORUS ELITE WIFI7 ICE				
		B860 EAGLE WIFI6E				
		B860M AORUS PRO WIFI7				
		B860M AORUS ELITE WIFI6E/ICE				
		B860I AORUS PRO ICE				
	ASROCK	Z890 RIPTIDE WIFI				
		Z890 NOVA WIFI				
		Z890/B860 STEEL LEGEND WIFI				
		Z890/B860 PRO RS WIFI				
		Z890 TAICHI				
8200 MT/s	ASUS	TUF GAMING Z890-PRO/PLUS WIFI	Hynix A (2GB) Hynix M (3GB)	Single Rank	Intel Core Ultra 200 series	/
		Z890 AYW GAMING WIFI W				
		Z890 MAX GAMING WIFI 7				
		ROG STRIX Z890-A GAMING WIFI S				
		ROG STRIX Z890-E GAMING WIFI W				
		ROG STRIX Z890-F GAMING WIFI				
		ROG Z890 EXTREME				
		ROG Z890 HERO				
		ROG Z890 APEX				
		TUF GAMING B860/M-PLUS/WIFI				
		PRIME B860-P/WIFI				
		ROG STRIX B860-A GAMING WIFI S				
		ROG STRIX B860-I GAMING WIFI				
	MSI	PRO Z890-S				
		PRO Z890-P/A/GAMING PLUS/WIFI				
		MAG Z890 TOMAHAWK WIFI				
		MPG Z890 EDGE TI WIFI				
		MPG Z890 CARBON WIFI				
		MEG Z890 ACE				
		MEG Z890 UNIFY X				
		PRO B860M-W/G/X/WIFI				
		PRO B860/M-P/A/GAMING PLUS/WIFI				
		MAG B860 TOMAHAWK WIFI				
		MPG B860I EDGE TI WIFI				
		MPG B860M MORTAR WIFI				
	GBT	Z890 AORUS MASTER				
		Z890 ELITE X/WIFI 7				
		Z890 ELITE X ICE/WIFI 7				
		Z890I AORUS PRO				
		Z890 GAMING X				
		B860 AORUS ELITE WIFI7 ICE				
		B860 EAGLE WIFI6E				
		B860M AORUS PRO WIFI7				
		B860M AORUS ELITE WIFI6E/ICE				
		B860I AORUS PRO ICE				
	ASROCK	Z890 RIPTIDE WIFI				
		Z890 NOVA WIFI				
		Z890/B860 STEEL LEGEND WIFI				
		Z890/B860 PRO RS WIFI				
		Z890 TAICHI				

INTEL LGA 1851

Data Rate	Motherboard		Memory IC	Rank	CPU	NOTE					
8400MT/s	ASUS	ROG STRIX Z890-A GAMING WIFI S	Hynix A (2GB) Hynix M (3GB)	Single Rank	Intel Core Ultra 200 series	/					
		ROG STRIX Z890-E GAMING WIFI W									
		ROG STRIX Z890-F GAMING WIFI									
		ROG Z890 EXTREME									
		ROG Z890 HERO									
		ROG Z890 APEX									
		TUF GAMING B860/M-PLUS/WIFI									
		ROG STRIX B860-A GAMING WIFI S									
	ROG STRIX B860-I GAMING WIFI										
	MSI	PRO Z890-S									
		PRO Z890-P									
		PRO Z890-P/A/GAMING PLUS/WIFI									
		MPG Z890 EDGE TI WIFI									
		MPG Z890 CARBON WIFI									
		MEG Z890 ACE									
		MEG Z890 UNIFY X									
		PRO B860M-W/G/X/WIFI									
		PRO B860M-M-P/A/GAMING PLUS/WIFI									
		MAG B860 TOMAHAWK WIFI									
		MPG B860I EDGE TI WIFI									
		MPG B860M MORTAR WIFI									
	GBT	Z890 AORUS MASTER									
		Z890 ELITE X/WIFI 7									
		Z890 ELITE X ICE/WIFI 7									
	ASROCK	Z890 RIPTIDE WIFI									
		Z890 NOVA WIFI									
		Z890/B860 STEEL LEGEND WIFI									
		Z890/B860 PRO RS WIFI									
Z890 TAICHI											
8600 MT/s	ASUS	ROG STRIX Z890-A GAMING WIFI S	Hynix A (2GB) Hynix M (3GB)	Single Rank	Intel Core Ultra 200 series	Actual support may vary by CPU IMC					
		ROG STRIX Z890-E GAMING WIFI W									
		ROG STRIX Z890-F GAMING WIFI									
		ROG Z890 EXTREME									
		ROG Z890 HERO									
		ROG Z890 APEX									
		ROG Z890 EXTREME									
		TUF GAMING B860/M-PLUS/WIFI									
	ROG STRIX B860-A GAMING WIFI S										
	ROG STRIX B860-I GAMING WIFI										
	MSI	PRO Z890-P									
		MAG Z890 TOMAHAWK WIFI									
		MPG Z890 EDGE TI WIFI									
		MPG Z890 CARBON WIFI									
		MEG Z890 ACE									
		MEG Z890 UNIFY X									
		MAG B860 TOMAHAWK WIFI									
		MPG B860M MORTAR WIFI									
	GBT	Z890 AORUS MASTER									
		Z890 ELITE X/WIFI 7									
		Z890 ELITE X ICE/WIFI 7									
	ASROCK	Z890 TAICHI									
	8800 MT/s	ASUS					ROG Z890 HERO	Hynix M (3GB)	Single Rank	Intel Core Ultra 200 series	
							ROG Z890 APEX				
							ROG Z890 EXTREME				
							ROG STRIX B860-I GAMING WIFI				
		MSI					MEG Z890 ACE				
							MPG Z890 CARBON WIFI				
MEG Z890 UNIFY X											
GBT		Z890 AORUS MASTER									
	Z890 ELITE X/WIFI 7										
	Z890 ELITE X ICE/WIFI 7										
9200 MT/s	ASUS	ROG Z890 APEX	Hynix M (3GB)	Single Rank	Intel Core Ultra 200 series						
		ROG STRIX B860-I GAMING WIFI									
	MSI	MEG Z890 UNIFY X									
		Z890 OC FORMULA									
9466-9600MT/s	ASROCK	Z890 TAICHI	Hynix M (3GB)	Single Rank	Intel Core Ultra 200 series						
	MSI	MEG Z890 UNIFY X									
	ASUS	Z890 APEX									

INTEL LGA 1700

Data Rate	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/I GAMING WIFI				
		PRIME Z790-A/I/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				
	MSI	PRIME B760M-A/P/AYW/WIFI				
		MSI PRO Z690-A/P/WIFI				
		Z690 TOMAHAWK/FORCE/EDGE/EDGE II WIFI				
		Z690 CARBON/UNIFY/ACE GODLIKE				
		PRO B660 (M) -PIG/A WIFI				
		PRO Z790-A/-P				
		Z790 CARBON/UNIFY/ACE GODLIKE				
		PRO B760M-A/B/E/G				
	GBT	B760M MORTAR (MAX) /GAMING/EDGE WIFI				
		Z690 AORUS PRO/ELITE/GAMING X				
		Z690 AORUS MASTER/EXTREME				
		B660M AORUS ELITE AX/PRO/PRO AX				
		Z790 EAGLE/UD/GAMING/GAMING X				
		Z790 AORUS PRO X/ELITE /ELITE X/AX ICE				
		Z790 AORUS MASTER/EXTREME				
		Z790 AORUS MASTER/EXTREME				
6400MT/s	ASUS	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/I/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 II WIFI				
		Z690 CARBON/UNIFY/ACE GODLIKE				
		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				
		Z790 EAGLE/UD/GAMING/GAMING X				
		Z790 AORUS PRO X/ELITE /ELITE X/AX ICE				
		Z790 AORUS MASTER/EXTREME				
		Z790 AORUS MASTER/EXTREME				
		Z790 AORUS MASTER/EXTREME				
		Z790 AORUS MASTER/EXTREME				
		Z790 AORUS MASTER/EXTREME				
6400MT/s	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				
	MSI	PRIME B760M-A/P/AYW/WIFI				
		PRO Z790-A/-P				
		Z790 CARBON/UNIFY/ACE GODLIKE				
		PRO B760M-A/B/E/G				
	GBT	B760M MORTAR (MAX) /GAMING/EDGE WIFI				
		Z790 EAGLE/UD/GAMING/GAMING X				
		Z790 AORUS PRO X/ELITE /ELITE X/AX ICE				
		Z790 AORUS MASTER/EXTREME				
6800MT/s	ASUS	PRIME Z790-A/I/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				
	MSI	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 /ELITE X/AX ICE				
7200MT/s	ASUS	Z790 AORUS MASTER/EXTREME				
		PRIME Z790-A/I/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				
	MSI	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				
8000MT/s	ASUS	Z790 AORUS PRO X/ELITE /ELITE X/AX ICE	Hynix A (2GB) Hynix M (3GB)	Single Rank	13th Gen Intel Core(K/KF series) 14th Gen Intel Core(K/KF series)	B760/Z790REFRESH B760/REFRESH CHIPSET 6Layer+ MB Supported
		Z790 AORUS MASTER/EXTREME				
		PRIME Z790-A/I/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				
8200MT/s	ASUS	Z790 EAGLE/UD/GAMING/GAMING X	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
		Z790 AORUS PRO X/ELITE /ELITE X/AX ICE				
		Z790 AORUS MASTER/EXTREME				
		PRIME Z790-A/I/P/WIFI				
		ROG STRIX Z790-F/E/I GAMING WIFI				
		ROG Z790 HERO/DARK HERO/EXTREME				
	ASROCK	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				
8400MT/s	ASUS	B760M MORTAR (MAX) /GAMING/EDGE 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
		Z790 EAGLE/UD/GAMING/GAMING X				
		Z790 AORUS PRO X/ELITE /ELITE X/AX ICE				
		Z790 AORUS MASTER/EXTREME				
		Z790 AORUS MASTER/EXTREME				
		Z790 AORUS MASTER/EXTREME				
	ASROCK	Z790 AORUS MASTER/EXTREME				
		ASROCK Z790I LIGHTNING WIFI				
		ASUS ROG Z790 APEX/ENCORE				
		ASUS Z790 AYW OC WIFI				
		ASUS B760M-AYW WIFI				
		ASUS Z790-A/-P				
8400MT/s	ASUS	Z790 MPOWER	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
		MSI Z790I EDGE WIFI				
		B760M GAMING WIFI				
		Z790 AORUS TACHYON				
		ASROCK Z790I LIGHTNING WIFI				
		ASUS ROG Z790 APEX/ENCORE				
	ASROCK	ASUS Z790 AYW OC WIFI				
		ASROCK Z790I LIGHTNING WIFI				
		ASUS ROG Z790 APEX/ENCORE				
		ASROCK Z790I LIGHTNING WIFI				
		ASUS ROG Z790 APEX/ENCORE				
		ASROCK Z790I LIGHTNING WIFI				

AMD B650 / X670

Data Rate	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 X6/870/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				
		MSI B650 CARBON WIFI				
	GBT	MSI B650I EDGE WIFI				
		GBT B650M GAMING WIFI				
		GBT B650M AORUS ELITE AX/ICE				
		GBT B650I AORUS ULTRA				
		GBT B650 GAMING X/AX				
		B650M H/D2H/DS3H				
6400MT/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 X6/870/E CHIPSET 6Layer+ MB Supported Actual MCLK/UCLK 1/1 support may vary by CPU IMC
		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 B650M GAMING WIFI				
	GBT	GBT B650M AORUS ELITE AX/ICE				
		GBT B650I AORUS ULTRA				
		GBT B650M GAMING X/AX				
6800MT/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 X6/870/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 B650M GAMING WIFI				
	GBT	GBT B650M AORUS ELITE AX/ICE				
		GBT B650I AORUS ULTRA				
		GBT B650M GAMING X/AX				
7200MT/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 B650M GAMING WIFI				
	GBT	GBT B650M AORUS ELITE AX/ICE				
		GBT B650I AORUS ULTRA				
		GBT B650M GAMING X/AX				
7600MT/s	ASUS	ROG CROSSHAIR X670E HERO/EXTREME	Hynix A (2GB) Hynix M (3GB)	Single Rank	7000 Rapheal (X3D included) 8000 PHX APU 9000 GNR	X670/E CHIPSET 8Layer+ MB Supported X870/E CHIPSET MB Supported
		ROG STRIX X670E-A GAMING WIFI				
		ROG CROSSHAIR X670E GENE				
	MSI	MSI PRO X670-P WIFI				
		MSI MEG X670E GODLIKE				
		MSI X670 CARBON WIFI				
		X670/E AORUS MASTER				
	GBT	X670/E AORUS PRO X				
		X670E AORUS XTREME				
7600MT/s	ASUS	ROG STRIX B650E-F GAMING WIFI	Hynix A (2GB) Hynix M (3GB)	Single Rank	9000 GNR	X670/E CHIPSET 8Layer+ MB Supported X870/E CHIPSET MB Supported
		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 B650M GAMING WIFI				
	GBT	GBT B650M AORUS ELITE AX/ICE				
		GBT B650I AORUS ULTRA				
		GBT B650M GAMING X/AX				
8000MT/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				
8000MT/s	ASUS	ROG STRIX X670E-A GAMING WIFI	Hynix A (2GB) Hynix M (3GB)	Single Rank	9000 GNR	/
		ROG CROSSHAIR X670E GENE				
		ROG CROSSHAIR X670E HERO				
		MSI B650M GAMING WIFI				
	MSI	MSI MEG X670E GODLIKE				
		MSI X670E CARBON WIFI				
		MSI X670-P WIFI				
		X670/E AORUS MASTER				
	GBT	B650E TACHYON				
		X670E AORUS XTREME				

▶ AMD X870/E / B850 / B840

Data Rate	Motherboard		Memory IC	Rank	CPU	NOTE
6000MT/s 6400MT/S	MSI	PRO X870/E-P WIFI	6400C28 16GBX4 (OCBXL53280DW1-D34HB/38GB EXPO2) 6000C28 24GBX4 (Predator Only) 6000C26 16GBX4	Single Rank 2DPC	Ryzen 9000 GNR (X3D Included)	two package combinations Supported Actual support may vary by CPU IMC
		X870/E TOMAHAWK WIFI				
		X870E GAMING PLUS WIFI				
		MPG X870E CARBON WIFI				
		MPG X870E EDGE TI WIFI				
		MAG X870E TOMAHAWK WIFI				
		X870 GAMING PLUS WIFI				
		MAG B850 TOMAHAWK/MAX WIFI				
		MPG B850 EDGE TI WIFI				
		MAG B850M MORTAR WIFI				
		X870E GODLIKE				
6000MT/s	ASUS	ROG STRIX B850-A/E/F/G GAMING WIFI S/R2	Hynix A (2GB) Hynix M (3GB)	Dual Rank Single Rank	Ryzen 9000 GNR (X3D Included)	The first boot/training time may take up to 1-3 minutes
		PRIME B850-PLUS/WIFI				
		ROG STRIX B850-A/G GAMING WIFI S				
		TUF GAMING B850-BTF WIFIW				
		TX GAMING B850M WIFI S				
		X870 MAX GAMING WIFI7/W				
		X870 AYW GAMING WIFI W				
		B850M AYW GAMING WIFI				
		PRIME B850M-K				
		PRIME X870-P/WIFI				
		TUF GAMING B850/M-PLUS/WIFI				
		TUF GAMING X870-PLUS WIFI				
		ROG STRIX X870-A/E/I/F GAMING WIFI				
		ROG STRIX X870E-E GAMING WIFI				
		ROG X870E-HERO				
		ROG X870E APEX				
	MSI	PRO X870/E-P WIFI				
		X870/E TOMAHAWK WIFI				
		X870E GAMING PLUS WIFI				
		MPG X870E CARBON WIFI				
		MPG X870E EDGE TI WIFI				
		MAG X870/E TOMAHAWK WIFI				
		X870 GAMING PLUS WIFI				
		MAG B850 TOMAHAWK/MAX WIFI				
		X870E GODLIKE				
		MAG B850M MORTAR WIFI				
		MAG B850MPOWER				
		PRO B840/M-B				
		MAG B850M MORTAR WIFI				
		PRO B840/M-P WIFI				
		MPG B850 EDGE TI WIFI				
		MAG B850 MORTAR WIFI				
		MAG B850MPOWER				
		B850/M GAMING PLUS WIFI/PZ/6E				
		PRO B840-V/C WIFI				
		B840M GAMING PLUS WIFI/6E				
		PRO B840M-P/WIFI6E				
	ASROCK	PRO B850M-G/X				
		B840M GAMING WIFI6E				
		PRO B850/M-P WIFI				
		X870E STEEL LEGEND				
		B850I LIGHTNING WIFI				
		X870/M AORUS ELITE WIFI7/ICE				
		X870E AORUS XTREME X3D AI TOP				
		X870E AORUS MASTER X3D ICE				
		X870E AORUS PRO X3D ICE				
		X870E AORUS ELITE X3D/ICE				
		B850 AI TOP				
	GBT	B850M AORUS PRO WIFI7				
		X870E AORUS PRO				
		X870 AORUS STEALTH ICE				
		X870 GAMING X WIFI7				
		X870 EAGLE WIFI7				
		X870 GAMING WIFI6				
		B850 AORUS STEALTH ICE				
		B850 A ELITE WF7/ICE				
		B840 GAMING X WIFI6E				
		B850M AORUS ELITE WIFI7 ICE-P				
		B850M A ELT/WF6E ICE				
		B850M EAGLE WIFI6E/ICE				
		X870E AORUS MASTER				
		X870E AORUS XTREME AI TOP				
		X870E AORUS PRO ICE				
		B850 AORUS WIFI 7/ICE				
		B850/M GAMING X WIFI6E				
6000MT/s	ASUS	ROG STRIX B850-E/F/A/G GAMING WIFI	Hynix M (3GB) 192GB(48GBX4) Kit	Dual Rank	Ryzen 9000 GNR (X3D Included)	The first boot/training time may take up to 1-3 minutes Actual support may vary by CPU IMC
		ROG STRIX B850-A/G GAMING WIFI S				
		X870 MAX GAMING WIFI7/W				
		X870 AYW GAMING WIFI W				
		TUF GAMING X870-PLUS WIFI				
		TUF GAMING B850-PLUS WIFI/W/II				
		TUF GAMING B850M-PLUS II				
		TX GAMING B850M WIFI W				
	MSI	PRO X870/E-P WIFI				
		X870/E TOMAHAWK WIFI				
		X870E GAMING PLUS WIFI				
		MPG X870E CARBON WIFI				
		MPG X870E EDGE TI WIFI				
		MAG X870/E TOMAHAWK WIFI				
		X870 GAMING PLUS WIFI				
		MAG B850 TOMAHAWK/MAX WIFI				
		MPG B850 EDGE TI WIFI				
	GBT	MAG B850M MORTAR WIFI				
		X870E GODLIKE				
		X870E AORUS XTREME AI TOP				
		X870E AORUS MASTER				
		X870E AORUS XTREME X3D AI TOP				
		X870E AORUS MASTER X3D ICE				
		X870E AORUS PRO X3D ICE				
		X870E AORUS ELITE X3D ICE				
		X870E AORUS ELITE X3D				
		X870 AORUS ELITE X3D ICE				
		B850 AI TOP				
		B850M AORUS PRO WIFI7				

► AMD X870/E / B850 / B840

Data Rate	Motherboard		Memory IC	Rank	CPU	NOTE
8000MT/s	ASUS	ROG STRIX X870-A/E/IF GAMING WIFI	Hynix A (2GB) Hynix M (3GB)	Single Rank	Ryzen 9000 GNR (X3D Included)	Actual support may vary by CPU IMC
		ROG STRIX X870E-E GAMING WIFI				
		ROG X870E-HERO				
		ROG X870E APEX				
	MSI	PRO X870E-P WIFI				
		X870E TOMAHAWK WIFI				
		X870E GAMING PLUS WIFI				
		MPG X870E CARBON WIFI				
		MPG X870E EDGE TI WIFI				
		MAG X870E TOMAHAWK WIFI				
		X870 GAMING PLUS WIFI				
		MAG B850 TOMAHAWK/MAX WIFI				
		MPG B850 EDGE TI WIFI				
		X870E GODLIKE				
		MAG B850M MORTAR WIFI				
		MAG B850MPOWER				
		PRO B840/M-B				
		MAG B850M MORTAR WIFI				
		PRO B840/M-P WIFI				
		MPG B850 EDGE TI WIFI				
		MAG B850 MORTAR WIFI				
		MAG B850MPOWER				
		B850/M GAMING PLUS WIFI/PZ/6E				
		PRO B840-VC WIFI				
		B840M GAMING PLUS WIFI/6E				
		PRO B840M-P WIFI/6E				
		PRO B850M-G/X				
		B840M GAMING WIFI/6E				
		PRO B850/M-P WIFI				
	ASROCK	X870E STEEL LEGEND				
		B850I LIGHTNING WIFI				
	GBT	X870/M AORUS ELITE WIFI7/ICE				
		X870E AORUS XTREME X3D AI TOP				
		X870E AORUS MASTER X3D ICE				
		X870E AORUS PRO X3D ICE				
		X870E AORUS ELITE X3D/ICE				
		B850 AI TOP				
		B850M AORUS PRO WIFI7				
		X870E AORUS PRO				
		X870 AORUS STEALTH ICE				
		X870 GAMING X WIFI7				
		X870 EAGLE WIFI7				
		X870 GAMING WIFI6				
		B850 AORUS STEALTH ICE				
		B850 A ELITE WF7/ICE				
		B840 GAMING X WIFI6E				
		B850M AORUS ELITE WIFI7 ICE-P				
		B850M A ELT/WF6E ICE				
		B850M EAGLE WIFI6E/ICE				
		X870E AORUS MASTER				
		X870E AORUS XTREME AI TOP				
		X870E AORUS PRO ICE				
		B850 AORUS WIFI 7/ICE				
		B850/M GAMING X WIFI6E				
8200MT/s	ASUS	ROG STRIX X870-I GAMING WIFI	Hynix A (2GB) Hynix M (3GB)	Single Rank		Actual support may vary by CPU IMC
		ROG STRIX B850-I GAMING WIFI				
		ROG X870E APEX				
	MSI	PRO X870E-P WIFI				
		X870E TOMAHAWK WIFI				
		X870E GAMING PLUS WIFI				
		MPG X870E CARBON WIFI				
		MPG X870E EDGE TI WIFI				
		MAG X870E TOMAHAWK WIFI				
		X870 GAMING PLUS WIFI				
		MPG B850 EDGE TI WIFI				
		MAG B850 TOMAHAWK/MAX WIFI				
		MAG B850M MORTAR WIFI				
		MAG B850MPOWER				
	GBT	X870E GODLIKE				
		X870E AORUS XTREME X3D/AI TOP				
		X870E AORUS MASTER X3D ICE				
		X870E AORUS PRO X3D ICE				
		X870E AORUS ELITE X3D ICE				
		X870E AORUS ELITE X3D				
		X870 AORUS ELITE X3D ICE				
		X870E AORUS MASTER				
8400MT/s	ASUS	B850 AI TOP	Hynix M (3GB)	Single Rank		
		B850M AORUS PRO WIFI7				
	MSI	X870E AORUS MASTER				
		ROG X870E APEX				
		X870E CARBON WIFI				
		X870E GODLIKE				
		MPG B850 EDGE TI WIFI				
		MPG X870E CARBON WIFI				
		MPG X870E EDGE TI WIFI				
		MAG X870E TOMAHAWK WIFI				
		MAG B850MPOWER				
		MAG B850 TOMAHAWK/MAX WIFI				

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