

GIGABYTE	Z490 AORUS XTREME WATERFORCE	DDR4								②
GIGABYTE	Z490M GAMING X	DDR4								②
MSI	MEG Z490 GODLIKE	DDR4	④	④		④	④		④	④
MSI	MEG Z490 ACE	DDR4	④	④		④	④		④	④
MSI	MEG Z490 UNIFY	DDR4	④	④		④	④		④	④
MSI	MEG Z490I UNIFY	DDR4	②	②		②	②		②	②
MSI	MPG Z490 GAMING CARBON WIFI	DDR4								④
MSI	MPG Z490 GAMING EDGE WIFI	DDR4								④
MSI	MPG Z490 GAMING PLUS	DDR4								④
MSI	MPG Z490M GAMING EDGE WIFI	DDR4								④
MSI	MAG Z490 TOMAHAWK	DDR4								④
MSI	Z490-A PRO	DDR4								④

Intel H470

Asrock	H470 Steel Legend	DDR4								
Asrock	H470 Phantom Gaming 4	DDR4				④			④	
Asrock	H470M-ITX/ac	DDR4								
Asrock	H470M Pro4	DDR4				④			④	
ASUS	PRIME H470-PLUS	DDR4			④					
ASUS	ROG STRIX H470-I GAMING	DDR4			②					
ASUS	PRIME H470M-PLUS	DDR4			②					
ASUS	TUF GAMING H470-PRO	DDR4			④					
GIGABYTE	H470I AORUS PRO AX	DDR4								
GIGABYTE	H470M DS3H	DDR4								
GIGABYTE	H470 AORUS PRO AX	DDR4								
GIGABYTE	H470 HD3	DDR4								

Intel B460

Asrock	B460 Steel Legend	DDR4				④			④	
Asrock	B460 Phantom Gaming 4	DDR4								
Asrock	B460M Pro4/ac	DDR4								
Asrock	B460 Pro4	DDR4								
Asrock	B460M-ITX/ac	DDR4								
Asrock	B460M Steel Legend	DDR4				②			②	
Asrock	B460M Pro4	DDR4								
Asrock	B460M-HDV	DDR4								
ASUS	PRIME B460-PLUS	DDR4			④					
ASUS	EX-B460M-V5	DDR4			②					
ASUS	TUF GAMING B460-PRO (WI-FI)	DDR4			④					
ASUS	PRIME B460M-K	DDR4			②					
ASUS	PRIME B460M-A	DDR4			④					
ASUS	Pro B460M-C/CSM	DDR4			④					
ASUS	ROG STRIX B460-F GAMING	DDR4			②					
ASUS	ROG STRIX B460-I GAMING	DDR4								
ASUS	ROG STRIX B460-H GAMING	DDR4			②					
ASUS	ROG STRIX B460-G GAMING	DDR4								
ASUS	TUF GAMING B460M-PLUS	DDR4								
ASUS	TUF GAMING B460M-PLUS (WI-FI)	DDR4								
ASUS	TUF GAMING B460-PLUS	DDR4			②					
GIGABYTE	B460M AORUS ELITE	DDR4								
GIGABYTE	B460M AORUS PRO	DDR4								

GIGABYTE	B460 AORUS PRO AC	DDR4									
GIGABYTE	B460M GAMING HD	DDR4									
GIGABYTE	B460M POWER	DDR4									
GIGABYTE	B460M H	DDR4									
GIGABYTE	B460M DS3H AC	DDR4									
GIGABYTE	B460M D3H	DDR4									
GIGABYTE	B460M DS3H	DDR4									
GIGABYTE	B460M D2V	DDR4									
MSI	MAG B460 TOMAHAWK	DDR4									
MSI	MAG B460M MORTAR	DDR4									
MSI	MAG B460M BAZOOKA	DDR4									
MSI	B460M PRO-VDH WIFI	DDR4									
MSI	B460M-A PRO	DDR4									
MSI	B460M PRO	DDR4									
MSI	MAG B460M MORTAR WIFI	DDR4									

Intel H410

Asrock	H410M-HDV/M.2	DDR4									
Asrock	H410M/ac	DDR4									
Asrock	H410M-ITX/ac	DDR4									
Asrock	H410M-HDV	DDR4				②				②	
Asrock	H410M-HVS	DDR4				②				②	
Asrock	H410M-HDVP	DDR4				②				②	
Asrock	H410M-HDVP2	DDR4				②				②	
ASUS	Pro H410M-C/CSM	DDR4		②							
ASUS	PRIME H410M-A	DDR4		②							
ASUS	PRIME H410M-E	DDR4		②							
ASUS	PRIME H410M-D	DDR4		②							
ASUS	PRIME H410M-K	DDR4		②							
GIGABYTE	H410M DS2V	DDR4									
GIGABYTE	H410M S2H	DDR4									
GIGABYTE	H410M H	DDR4									
GIGABYTE	H410M S2	DDR4									
MSI	H410M PRO-VH	DDR4									
MSI	H410M PRO	DDR4									
MSI	H410M-A PRO	DDR4									

Intel Z390

Asrock	390 Phantom Gaming 9	DDR4		④		④					
Asrock	Z390 Extreme4	DDR4		④		④		④		②	
Asrock	Z390 Phantom Gaming 4	DDR4		④		④		④		②	
Asrock	Z390 Phantom Gaming 4S	DDR4		④		④		④		②	
Asrock	Z390 Phantom Gaming 6	DDR4		④		④		④		②	
Asrock	Z390 Phantom Gaming 7	DDR4		④		②		④		②	
Asrock	Z390 Phantom Gaming SLI	DDR4		④		④		④		②	
Asrock	Z390 Phantom Gaming SLI/ac	DDR4		④		④		④		②	
Asrock	Z390 Phantom Gaming-ITX/ac	DDR4		②		②		②		②	
Asrock	Z390 Pro4	DDR4		④		④		④		②	
Asrock	Z390 Steel Legend	DDR4		④		②		④		②	
Asrock	Z390 Phantom Gaming X	DDR4		④		②		④		②	
Asrock	Z390 Taichi	DDR4		④							

Asrock	Z390 Taichi Ultimate	DDR4			④					
Asrock	Z390M Pro4	DDR4			④	④		④	②	
Asrock	Z390M-ITX/ac	DDR4			②	②		②	②	
ASUS	PRIME Z390-A	DDR4								
ASUS	PRIME Z390M-PLUS	DDR4			④	④		②	②	
ASUS	PRIME Z390-P	DDR4			④	④		②	②	
ASUS	ROG STRIX Z390-E GAMING	DDR4			②	②		②		
ASUS	ROG STRIX Z390-F GAMING	DDR4			②	②		②		
ASUS	ROG STRIX Z390-H GAMING	DDR4			④	②		②		
ASUS	ROG STRIX Z390-I GAMING	DDR4			②					
ASUS	TUF Z390M-PRO GAMING (WI-FI)	DDR4			④	②		②		
ASUS	TUF Z390-PLUS GAMING (WI-FI)	DDR4			④	②		②		
ASUS	TUF Z390-PRO GAMING	DDR4			④	②		②		
ASUS	WS Z390 PRO	DDR4				②				
ASUS	ROG MAXIMUS XI APEX Z390	DDR4						②	②	
ASUS	ROG MAXIMUS XI EXTREME	DDR4						②	②	
ASUS	ROG MAXIMUS XI FORMULA Z390	DDR4								
ASUS	ROG MAXIMUS XI CODE Z390	DDR4								
ASUS	ROG MAXIMUS XI GENE Z390	DDR4						②	②	
ASUS	ROG MAXIMUS XI HERO (WI-FI)	DDR4			④	④		②	②	
ASUS	ROG MAXIMUS XI HERO (WI-FI) Call of Duty - Black Ops 4 Edition	DDR4			④	④		②	②	
GIGABYTE	Z390 AORUS ELITE	DDR4			④	④		④	④	
GIGABYTE	Z390 AORUS MASTER	DDR4			④	④		④		
GIGABYTE	Z390 AORUS PRO	DDR4			④	④		④	④	
GIGABYTE	Z390 AORUS PRO WIFI	DDR4			④	④		④	④	
GIGABYTE	Z390 AORUS ULTRA	DDR4			④	④		④		
GIGABYTE	Z390 AORUS XTREME	DDR4			④	④		④	④	
GIGABYTE	Z390 AORUS XTREME WATERFORCE	DDR4			④	④		②	④	
GIGABYTE	Z390 DESIGNARE	DDR4			④	④		④	④	
GIGABYTE	Z390 GAMING SLI	DDR4			④	④		④	④	
GIGABYTE	Z390 GAMING X	DDR4			④	④		④	④	
GIGABYTE	Z390 I AORUS PRO WIFI	DDR4			②	②		②	②	
GIGABYTE	Z390 M	DDR4			④	④		④	④	
GIGABYTE	Z390 M GAMING	DDR4			④	④		④	④	
GIGABYTE	Z390 UD	DDR4			④	④		④	④	
MSI	MAG Z390 TOMAHAWK	DDR4			④			④	④	
MSI	MAG Z390M MORTAR	DDR4			④			④	②	④
MSI	MEG Z390 ACE	DDR4			④			④	④	④
MSI	MEG Z390 GODLIKE	DDR4			④			④	④	④
MSI	MPG Z390 GAMING EDGE AC	DDR4			④			④	④	④
MSI	MPG Z390 GAMING PLUS	DDR4			④			④	④	④
MSI	MPG Z390 GAMING PRO CARBON	DDR4			④			④	④	④
MSI	MPG Z390 GAMING PRO CARBON AC	DDR4			④			④	④	④
MSI	MPG Z390I GAMING EDGE AC	DDR4			②			②	②	④
MSI	MPG Z390M GAMING EDGE AC	DDR4			④			④	②	④
MSI	Z390-A PRO	DDR4			④			④	②	④

Intel Z370										
Asrock	Fatal1ty Z370 Gaming K6	DDR4			④	④		②	②	
Asrock	Fatal1ty Z370 Gaming-ITX/ac	DDR4			②	②		②	②	

Asrock	Fatal1ty Z370 Professional Gaming i7	DDR4			④	④		②	②		
Asrock	Z370 Extreme4	DDR4			④	④		②	②		
Asrock	Z370 Killer SLI	DDR4			④	④		②	②		
Asrock	Z370 Killer SLI/ac	DDR4			④	④		②	②		
Asrock	Z370 Pro4	DDR4			④	④		②	②		
Asrock	Z370 Taichi	DDR4			④	④		②	②		
Asrock	Z370M Pro4	DDR4			④	④		②	②		
Asrock	Z370M-ITX/ac	DDR4			②	②		②	②		
ASUS	PRIME Z370-A	DDR4			④	④		④			
ASUS	PRIME Z370-P	DDR4			④	④		④			
ASUS	ROG MAXIMUS X APEX	DDR4			②	②		②			
ASUS	ROG MAXIMUS X CODE	DDR4			④	④		②			
ASUS	ROG MAXIMUS X FORMULA	DDR4			④	④		②			
ASUS	ROG MAXIMUS X HERO	DDR4			②	②		①			
ASUS	ROG MAXIMUS X HERO (WI-FI AC)	DDR4			②	②		②			
ASUS	ROG STRIX Z370-E GAMING	DDR4			④	④		②			
ASUS	ROG STRIX Z370-F GAMING	DDR4			④	④		②			
ASUS	ROG STRIX Z370-G GAMING (WI-FI AC)	DDR4			④	④		④			
ASUS	ROG STRIX Z370-H GAMING	DDR4			②	②		②			
ASUS	ROG STRIX Z370-I GAMING	DDR4			②	②		②	②		
ASUS	TUF Z370-PLUS GAMING	DDR4			④	④		④			
ASUS	TUF Z370-PRO GAMING	DDR4			②	②		②			
GIGABYTE	Z370 AORUS Gaming 3	DDR4			②	④			②		
GIGABYTE	Z370 AORUS Gaming 5	DDR4			④	④		②	②		
GIGABYTE	Z370 AORUS Gaming 7	DDR4			④	④		②	②		
GIGABYTE	Z370 AORUS GAMING 7-OP	DDR4			④	④		②	②		
GIGABYTE	Z370 AORUS Gaming K3	DDR4			②	④			②		
GIGABYTE	Z370 AORUS GAMING WIFI	DDR4			②	④			②		
GIGABYTE	Z370 AORUS Ultra Gaming	DDR4			②	④			②		
GIGABYTE	Z370 AORUS ULTRA GAMING 2.0	DDR4			④	④			④		
GIGABYTE	Z370 AORUS ULTRA GAMING 2.0-OP	DDR4			④	④			④		
GIGABYTE	Z370 AORUS ULTRA GAMING WIFI	DDR4			④	④			④		
GIGABYTE	Z370 AORUS ULTRA GAMING WIFI-OP	DDR4			④	④			④		
GIGABYTE	Z370 HD3	DDR4			④	④			④		
GIGABYTE	Z370 HD3-OP	DDR4			④	④			④		
GIGABYTE	Z370 HD3P	DDR4			④	④			④		
GIGABYTE	Z370 UD3H	DDR4			④	④			④		
GIGABYTE	Z370M D3H	DDR4			④	④			④		
GIGABYTE	Z370M DS3H	DDR4				④			②		
GIGABYTE	Z370N WIFI	DDR4			②	②		②	②		
GIGABYTE	Z370P D3	DDR4			④	④			④		
GIGABYTE	Z370XP SLI	DDR4			④	④			④		
MSI	Z370 GAMING M5	DDR4				④					
MSI	Z370 GAMING PLUS	DDR4				④			④		
MSI	Z370 GAMING PRO CARBON	DDR4				④					
MSI	Z370 GAMING PRO CARBON AC	DDR4				④					
MSI	Z370 GODLIKE GAMING	DDR4							④		
MSI	Z370 KRAIT GAMING	DDR4				④					
MSI	Z370 PC PRO	DDR4				④			④		

MSI	Z370 SLI PLUS	DDR4				④				
MSI	Z370 TOMAHAWK	DDR4				④			④	
MSI	Z370-A PRO	DDR4				④			④	
MSI	Z370I GAMING PRO CARBON AC	DDR4								
MSI	Z370M GAMING PRO AC	DDR4								
MSI	Z370M MORTAR	DDR4				④			④	

Intel H370

Asrock	Fatal1ty H370 Performance	DDR4								
Asrock	H370 Pro4	DDR4								
Asrock	H370M Pro4	DDR4								
Asrock	H370M-ITX/ac	DDR4								
ASUS	H370 MINING MASTER	DDR4								
ASUS	PRIME H370-A	DDR4								
ASUS	PRIME H370-A/CSM	DDR4								
ASUS	PRIME H370M-PLUS	DDR4								
ASUS	PRIME H370-PLUS	DDR4								
ASUS	ROG STRIX H370-F GAMING	DDR4								
ASUS	ROG STRIX H370-I GAMING	DDR4		②		②			②	②
ASUS	TUF H370-PRO GAMING (WI-FI)	DDR4								
GIGABYTE	H370 AORUS GAMING 3	DDR4								
GIGABYTE	H370 AORUS GAMING 3 WIFI	DDR4								
GIGABYTE	H370 HD3	DDR4								
GIGABYTE	H370M D3H	DDR4								
GIGABYTE	H370M D3H GSM	DDR4								
GIGABYTE	H370M DS3H	DDR4								
GIGABYTE	H370N WIFI	DDR4								
MSI	H370 GAMING PLUS	DDR4								
MSI	H370 GAMING PRO CARBON	DDR4								
MSI	H370M BAZOOKA	DDR4								

Intel B360

Asrock	B360 Pro4	DDR4								
Asrock	B360M Pro4	DDR4								
Asrock	B360M-HDV	DDR4								
Asrock	B360M-ITX/ac	DDR4								
Asrock	Fatal1ty B360 Gaming K4	DDR4								
Asrock	Fatal1ty B360M Performance	DDR4								
ASUS	PRIME B360M-A	DDR4								
ASUS	PRIME B360M-K	DDR4								
ASUS	PRIME B360-PLUS	DDR4								
ASUS	ROG STRIX B360-F GAMING	DDR4								
ASUS	ROG STRIX B360-G GAMING	DDR4								
ASUS	ROG STRIX B360-H GAMING	DDR4								
ASUS	ROG STRIX B360-H GAMING/OPTANE	DDR4								
ASUS	ROG STRIX B360-I GAMING	DDR4								
ASUS	TUF B360M-E GAMING	DDR4		②		②			②	②
ASUS	TUF B360M-PLUS GAMING	DDR4								
ASUS	TUF B360-PLUS GAMING	DDR4								
ASUS	TUF B360-PRO GAMING (WI-FI)	DDR4								
GIGABYTE	B360 AORUS GAMING 3	DDR4								

GIGABYTE	H310M S2H	DDR4								
GIGABYTE	H310M S2P	DDR4								
GIGABYTE	H310M S2V	DDR4								
MSI	H310-A PRO	DDR4								
MSI	H310-F PRO	DDR4								
MSI	H310I PRO	DDR4								
MSI	H310M GAMING ARCTIC	DDR4								
MSI	H310M GAMING PLUS	DDR4								
MSI	H310M PRO-D	DDR4								
MSI	H310M PRO-M2	DDR4								
MSI	H310M PRO-VD	DDR4								
MSI	H310M PRO-VDH	DDR4								
MSI	H310M PRO-VH	DDR4								
MSI	H310M PRO-VHL	DDR4								
MSI	H310M PRO-VL	DDR4								

Intel X299										
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Asrock	Fatal1ty X299 Gaming K6	DDR4			④	④		②	②	
Asrock	Fatal1ty X299 Professional Gaming i9	DDR4			④	④		②	②	
Asrock	Fatal1ty X299 Professional Gaming i9 XE	DDR4			④	④		②	②	
Asrock	X299 Extreme4	DDR4			④	④		④	④	
Asrock	X299 Killer SLI/ac	DDR4			④	④		②	②	
Asrock	X299 OC Formula	DDR4			②	②		②	②	
Asrock	X299 Taichi	DDR4			④	④		②	②	
Asrock	X299 Taichi XE	DDR4			④	④		②	②	
Asrock	X299E-ITX/ac	DDR4								
Asrock	X299M Extreme4	DDR4			④	④		④	④	
ASUS	PRIME X299-A	DDR4			④	④				
ASUS	PRIME X299-DELUXE	DDR4			④	④				
ASUS	ROG RAMPAGE VI APEX	DDR4			④	④				
ASUS	ROG RAMPAGE VI EXTREME	DDR4			④	④				
ASUS	ROG STRIX X299-E GAMING	DDR4			④	④				
ASUS	ROG STRIX X299-XE GAMING	DDR4			④	④				
ASUS	TUF X299 MARK 1	DDR4			④	④				
ASUS	TUF X299 MARK 2	DDR4			④	④				
ASUS	WS X299 SAGE	DDR4			②	④				
GIGABYTE	X299 AORUS Gaming	DDR4			④	④		④	④	
GIGABYTE	X299 AORUS Gaming 3	DDR4			④	④		④	④	
GIGABYTE	X299 AORUS Gaming 3 Pro	DDR4			④	④		④	④	
GIGABYTE	X299 AORUS Gaming 7	DDR4			④	④		④	④	
GIGABYTE	X299 AORUS Gaming 7 Pro	DDR4			④	④		④	④	
GIGABYTE	X299 AORUS Gaming 9	DDR4			④	④		④	④	
GIGABYTE	X299 AORUS Ultra Gaming	DDR4			④	④		④	④	
GIGABYTE	X299 AORUS Ultra Gaming Pro	DDR4			④	④		④	④	
GIGABYTE	X299 DESIGNARE EX	DDR4			④	④				
GIGABYTE	X299 UD4	DDR4			④	④		④	④	
GIGABYTE	X299 UD4 EX	DDR4			④	④		④	④	
GIGABYTE	X299 UD4 Pro	DDR4			④	④		④	④	
MSI	X299 GAMING M7 ACK	DDR4				④		④	④	
MSI	X299 GAMING PRO CARBON	DDR4				④		④	④	

MSI	X299 GAMING PRO CARBON AC	DDR4			④	④		④	④		
MSI	X299 GAMING PRO CARBON AC	DDR4				④		④	④		
MSI	X299 RAIDER	DDR4				④		④	④		
MSI	X299 SLI PLUS	DDR4				④		④	④		
MSI	X299 TOMAHAWK	DDR4				④		④	④		
MSI	X299 TOMAHAWK AC	DDR4				④		④	④		
MSI	X299 TOMAHAWK ARCTIC	DDR4				④		④	④		
MSI	X299 XPOWER GAMING AC	DDR4			④	④					
MSI	X299M GAMING PRO CARBON AC	DDR4			④	④		④	④		

Intel Z270

Asrock	Fatal1ty Z270 Gaming K4	DDR4			②	④		②	②		
Asrock	Fatal1ty Z270 Gaming K6	DDR4			④	④		②	②		
Asrock	Fatal1ty Z270 Gaming-ITX/ac	DDR4			②	②		②	②		
Asrock	Fatal1ty Z270 Professional Gaming i7	DDR4			④	④		②	②		
Asrock	Z270 Extreme4	DDR4			④	④		②	④		
Asrock	Z270 Killer SLI	DDR4			④	④		②	②		
Asrock	Z270 Killer SLI/ac	DDR4			④	④		②	②		
Asrock	Z270 Pro4	DDR4			④	④		②	②		
Asrock	Z270 SuperCarrier	DDR4			④	④		②	②		
Asrock	Z270 Taichi	DDR4			④	④		②	②		
Asrock	Z270M Extreme4	DDR4			④	④		②	④		
Asrock	Z270M Pro4	DDR4			④	④		②	②		
Asrock	Z270M-ITX/ac	DDR4			②	②		②	②		
ASUS	PRIME Z270-A	DDR4			△	④		△	△		
ASUS	PRIME Z270-AR	DDR4			△	④		△	△		
ASUS	PRIME Z270-K	DDR4			④	△		④	△		
ASUS	PRIME Z270M-PLUS	DDR4			△	△		△	△		
ASUS	PRIME Z270-P	DDR4			△	△		△	△		
ASUS	ROG MAXIMUS IX APEX	DDR4				②					
ASUS	ROG MAXIMUS IX CODE	DDR4			△	④		△	△		
ASUS	ROG MAXIMUS IX EXTREME	DDR4			④	④					
ASUS	ROG MAXIMUS IX FORMULA	DDR4			△	④		△	△		
ASUS	ROG MAXIMUS IX HERO	DDR4			△	④		△	△		
ASUS	ROG STRIX Z270E GAMING	DDR4			△	④		△	△		
ASUS	ROG STRIX Z270F GAMING	DDR4			△	④		△	△		
ASUS	ROG STRIX Z270G GAMING	DDR4			△	④		△	△		
ASUS	ROG STRIX Z270H GAMING	DDR4			△			△	△		
ASUS	ROG Strix Z270I Gaming	DDR4			④	④					
ASUS	TUF Z270 MARK 1	DDR4			△	④		△	△		
ASUS	TUF Z270 MARK 2	DDR4			△	④		△	△		
ASUS	Z270-WS	DDR4									
GIGABYTE	GA-Z270-Gaming 3	DDR4			④	④		②	②		
GIGABYTE	GA-Z270-Gaming K3	DDR4			④	④		②	②		
GIGABYTE	GA-Z270-HD3	DDR4			④	④		②	②		
GIGABYTE	GA-Z270-HD3P	DDR4			④	④		②	②		
GIGABYTE	GA-Z270M-D3H	DDR4			④	④		②	②		
GIGABYTE	GA-Z270M-D3P	DDR4			④	④		②	②		
GIGABYTE	GA-Z270MX-Gaming 5	DDR4			△	④		△	②		

MSI	B250M BAZOOKA OPT BOOST	DDR4								
MSI	B250M BAZOOKA PLUS	DDR4								
MSI	B250M GAMING PRO	DDR4								
MSI	B250M MORTAR	DDR4								
MSI	B250M MORTAR ARCTIC	DDR4								
MSI	B250M PRO OPT BOOST	DDR4								
MSI	B250M PRO-VD	DDR4								
MSI	B250M PRO-VDH	DDR4								
MSI	B250M PRO-VH	DDR4								
AMD B550										
Asrock	B550 Taichi	DDR4								
Asrock	B550 Extreme4	DDR4								
Asrock	B550 Steel Legend	DDR4								
Asrock	B550 Pro4	DDR4								
Asrock	B550 PG Velocita	DDR4								
Asrock	B550 Phantom Gaming 4/ac	DDR4								
Asrock	B550 Phantom Gaming 4	DDR4								
Asrock	B550 Phantom Gaming-ITX/ax	DDR4								
Asrock	B550M Steel Legend	DDR4								
Asrock	B550M Pro4	DDR4								
Asrock	B550M-HDV	DDR4								
Asrock	B550M-ITX/ac	DDR4								
ASUS	ROG STRIX B550-E GAMING	DDR4			④					④
ASUS	PRIME B550M-A (WI-FI)	DDR4			④					
ASUS	PRIME B550M-A	DDR4			④					
ASUS	TUF GAMING B550-PLUS	DDR4			④					
ASUS	ROG STRIX B550-F GAMING	DDR4			④					④
ASUS	TUF GAMING B550M-PLUS (WI-FI)	DDR4			④					
ASUS	PRIME B550M-K	DDR4			④					
ASUS	PRIME B550-PLUS	DDR4			④					
ASUS	TUF GAMING B550M-PLUS	DDR4			④					
ASUS	ROG STRIX B550-F GAMING (WI-FI)	DDR4			④					④
GIGABYTE	B550M GAMING X	DDR4								
GIGABYTE	B550M GAMING	DDR4				②	②	②	②	②
GIGABYTE	B550M S2H	DDR4				②	②	②	②	②
GIGABYTE	B550 VISION D	DDR4								
GIGABYTE	B550 AORUS PRO	DDR4				④	④	④		④
GIGABYTE	B550M AORUS PRO	DDR4								
GIGABYTE	B550 AORUS MASTER	DDR4				④	④	④		④
GIGABYTE	B550 AORUS PRO AC	DDR4				④	④	④		④
GIGABYTE	B550I AORUS PRO AX	DDR4								
GIGABYTE	B550 AORUS ELITE	DDR4								
GIGABYTE	B550M AORUS ELITE	DDR4								
GIGABYTE	B550M DS3H	DDR4								
MSI	MPG B550I GAMING EDGE WIFI	DDR4	②	②		②	②	②	②	②
MSI	MPG B550 GAMING PLUS	DDR4	④	④		④	④	④	④	④
MSI	MPG B550 GAMING EDGE WIFI	DDR4	④	④		④	④	④	④	④
MSI	MPG B550 GAMING CARBON WIFI	DDR4	④	④		④	④	④	④	④
MSI	MAG B550 TOMAHAWK	DDR4	④	④		④	④	④	④	④

MSI	MAG B550M BAZOOKA	DDR4	④	④		④	④		④	④	④
MSI	B550M PRO-VDH	DDR4	④	④		④	④		④	④	④
MSI	B550M PRO-DASH	DDR4	④	④		④	④		④	④	④
MSI	B550M PRO-VDH WIFI	DDR4	④	④		④	④		④	④	④
MSI	MAG B550M MORTAR WIFI	DDR4	④	④		④	④		④	④	④
MSI	MAG B550M MORTAR	DDR4	④	④		④	④		④	④	④
MSI	B550-A PRO	DDR4	④	④		④	④		④	④	④

AMD TRX40

Asrock	TRX40 Taichi	DDR4									④
Asrock	TRX40 Creator	DDR4									④
ASUS	Prime TRX40-Pro	DDR4				②					
ASUS	ROG Strix TRX40-E Gaming	DDR4				②					
ASUS	ROG STRIX TRX40-XE GAMING	DDR4				②					
ASUS	ROG Zenith II Extreme	DDR4				②		②			
GIGABYTE	TRX40 AORUS MASTER	DDR4		④		④					
GIGABYTE	TRX40 AORUS XTREME	DDR4		④							
GIGABYTE	TRX40 AORUS PRO WIFI	DDR4		④							
GIGABYTE	TRX40 DESIGNARE	DDR4		④							
MSI	TRX40-A PRO	DDR4									④
MSI	TRX40 PRO 10G	DDR4									④
MSI	TRX40 PRO WIFI	DDR4									④
MSI	Creator TRX40	DDR4									④

AMD X570

Asrock	X570 Taichi	DDR4			④			④			
Asrock	X570 Creator	DDR4			④			④			
Asrock	X570 AQUA	DDR4			④			④			
Asrock	X570 Extreme4	DDR4			④						
Asrock	X570 Extreme4 WiFi ax	DDR4									
Asrock	X570 Pro4	DDR4									
Asrock	X570M Pro4	DDR4									
Asrock	X570 Steel Legend WiFi ax	DDR4									
Asrock	X570 Steel Legend	DDR4									
Asrock	X570 Phantom Gaming X	DDR4			②			②			
Asrock	X570 Phantom Gaming 4	DDR4									
Asrock	X570 Phantom Gaming 4S	DDR4			④						
Asrock	X570 Phantom Gaming-ITX/TB3	DDR4									
ASUS	Pro WS X570-ACE	DDR4									
ASUS	ROG Strix X570-I Gaming	DDR4			②		②				
ASUS	ROG Crosshair VIII Hero	DDR4					④				
ASUS	ROG Crosshair VIII Hero (Wi-Fi)	DDR4					④				
ASUS	ROG Strix X570-E Gaming	DDR4					④		②		
ASUS	ROG Strix X570-F Gaming	DDR4					④		②		
ASUS	ROG Crosshair VIII Impact	DDR4			④		④				
ASUS	ROG Crosshair VIII Formula	DDR4					④				
ASUS	TUF Gaming X570-PLUS	DDR4			④				②		
ASUS	TUF Gaming X570-PLUS (Wi-Fi)	DDR4			④				②		
ASUS	PRIME X570-P	DDR4			④				②		
ASUS	PRIME X570-PRO/CSM	DDR4			④				②		
ASUS	PRIME X570-P/CSM	DDR4			④				②		

ASUS	PRIME X570-PRO	DDR4							②		
GIGABYTE	X570 AORUS XTREME	DDR4									
GIGABYTE	X570 UD	DDR4									
GIGABYTE	X570 AORUS MASTER	DDR4									
GIGABYTE	X570 AORUS ULTRA	DDR4									
GIGABYTE	X570 AORUS PRO WIFI	DDR4									
GIGABYTE	X570 AORUS PRO	DDR4									
GIGABYTE	X570 AORUS ELITE	DDR4									
GIGABYTE	X570 AORUS ELITE WIFI	DDR4									
GIGABYTE	X570 I AORUS PRO WIFI	DDR4									
GIGABYTE	X570 GAMING X	DDR4									
MSI	MEG X570 GODLIKE	DDR4		②		④		④			④
MSI	MEG X570 UNIFY	DDR4		②		④		④			④
MSI	MEG X570 ACE	DDR4		②		④		④			④
MSI	MPG X570 GAMING PRO CARBON WIFI	DDR4		④		④		④			④
MSI	MAG X570 TOMAHAWK WIFI	DDR4				④		④			
MSI	MPG X570 GAMING EDGE WIFI	DDR4		④		④		④			④
MSI	PRESTIGE X570 CREATION	DDR4		②		④		④			④
MSI	X570-A PRO	DDR4		②		④		④			④
MSI	MPG X570 GAMING PLUS	DDR4		④		④		④			④

AMD X470

Asrock	Fatal1ty X470 Gaming K4	DDR4							④		
Asrock	Fatal1ty X470 Gaming-ITX/ac	DDR4							②		
Asrock	X470 Master SLI	DDR4							④		
Asrock	X470 Master SLI/ac	DDR4							④		
Asrock	X470 Taichi	DDR4							④		
Asrock	X470 Taichi Ultimate	DDR4							④		
ASUS	PRIME X470-PRO	DDR4		②					②		
ASUS	ROG STRIX X470-F GAMING	DDR4		②							
ASUS	ROG STRIX X470-I GAMING	DDR4							②		
ASUS	ROG CROSSHAIR VII HERO	DDR4		②							
ASUS	ROG CROSSHAIR VII HERO (WI-FI)	DDR4		②							
ASUS	TUF X470-PLUS GAMING	DDR4		②					②		
GIGABYTE	X470 AORUS GAMING 7 WIFI-50	DDR4		④		④					
GIGABYTE	X470 AORUS GAMING 5 WIFI	DDR4		④							
GIGABYTE	X470 AORUS GAMING 7 WIFI	DDR4		④		④			②	②	
GIGABYTE	X470 AORUS ULTRA GAMING	DDR4		④							
MSI	X470 GAMING M7 AC	DDR4		④		④		②	②		④
MSI	X470 GAMING PLUS	DDR4		④		④		②	②		④
MSI	X470 GAMING PLUS MAX	DDR4				④		②			④
MSI	X470 GAMING PRO	DDR4				④		②	②		④
MSI	X470 GAMING PRO MAX	DDR4				④		②			④
MSI	X470 GAMING PRO CARBON	DDR4		④		④		②			④
MSI	X470 GAMING PRO CARBON AC	DDR4		④		④		②	②		④

AMD B450

Asrock	B450 Pro 4	DDR4		④		②		②	②		
Asrock	B450M Pro4	DDR4		④		②		②	②		
Asrock	B450M-HDV	DDR4		④		②		②	②		
Asrock	Fatal1ty B450 Gaming K4	DDR4		④		②		②	②		

Asrock	Fatal1ty B450 Gaming-ITX/ac	DDR4			②	②		②	②		
Asrock	B450 Steel Legend	DDR4									
Asrock	B450M Steel Legend	DDR4									
Asrock	B450M/ac	DDR4			④	②		②	②		
Asrock	B450M Pro4-F	DDR4									
ASUS	PRIME B450M-A	DDR4			②			②			
ASUS	PRIME B450M-A/CSM	DDR4			②			②			
ASUS	PRIME B450M-K	DDR4			②	①		②			
ASUS	PRIME B450-PLUS	DDR4			②			②			
ASUS	ROG STRIX B450-F GAMING	DDR4			②			②			
ASUS	ROG STRIX B450-I GAMING	DDR4			①	②		②			
ASUS	TUF B450M-PLUS GAMING	DDR4			②			②			
ASUS	TUF B450-PLUS GAMING	DDR4			②			②			
GIGABYTE	B450M AORUS ELITE	DDR4									
GIGABYTE	B450 AORUS ELITE	DDR4			④						
GIGABYTE	B450M GAMING	DDR4									
GIGABYTE	B450 AORUS M	DDR4			④						
GIGABYTE	B450 AORUS PRO	DDR4			④						
GIGABYTE	B450 AORUS PRO WIFI	DDR4			④						
GIGABYTE	B450 I AORUS PRO WIFI	DDR4			②	②		②	②		
GIGABYTE	B450M DS3H	DDR4			④						
MSI	B450 GAMING PLUS MAX	DDR4			④	②	②				④
MSI	B450 Gaming Plus	DDR4			④	②	②				④
MSI	B450 Ganing Pro Carbon AC	DDR4			④	②	②				④
MSI	B450 TOMAHAWK	DDR4			④	②	②				④
MSI	B450 TOMAHAWK MAX	DDR4			④	②	②				④
MSI	B450 GAMING PRO CARBON MAX WIFI	DDR4			④	④	②				④
MSI	B450M MORTAR MAX	DDR4			④	④	②				④
MSI	B450-A Pro	DDR4			④	④	②				④
MSI	B450M BAZOOKA MAX WIFI	DDR4			④	④	②				④
MSI	B450-A PRO MAX	DDR4			④	④	②				④
MSI	B450M-A PRO MAX	DDR4			②	②	②				②
MSI	B450I Gaming Plus AC	DDR4			②	②					②
MSI	B450M BAZOOKA	DDR4				④	②				④
MSI	B450M BAZOOKA PLUS	DDR4				④	②				④
MSI	B450M Gaming Plus	DDR4			②	②					②
MSI	B450M MORTAR	DDR4				④	②				④
MSI	B450M MORTAR TITANIUM	DDR4				④	②				④
MSI	B450M PRO-M2	DDR4				②					②
MSI	B450M PRO-M2 MAX	DDR4				②	②				②
MSI	B450M PRO-VDH	DDR4				④	②				②

AMD X399											
Asrock	Fatal1ty X399 Professional Gaming	DDR4			②				2933		
Asrock	X399 Taichi	DDR4			②				2933		
Asrock	X399M Taichi	DDR4			②	②			2933		
ASUS	PRIME X399-A	DDR4			④	④			④		
ASUS	ROG Strix X399-E Gaming	DDR4			④	④			④		
ASUS	ROG ZENITH EXTREME	DDR4			④	④			④		
GIGABYTE	X399 AORUS Gaming 7	DDR4			④	④			②		

GIGABYTE	X399 DESIGNARE EX	DDR4			2933			②		
MSI	X399 GAMING PRO CARBON AC	DDR4				2933			④	
MSI	X399 SLI PLUS	DDR4				2933			④	
AMD X370										
Asrock	Fatal1ty X370 Gaming K4	DDR4			△			△		
Asrock	Fatal1ty X370 Gaming X	DDR4								
Asrock	Fatal1ty X370 Gaming-ITX/ac	DDR4								
Asrock	Fatal1ty X370 Professional Gaming	DDR4			△			△		
Asrock	X370 Killer SLI	DDR4			△			△		
Asrock	X370 Killer SLI/ac	DDR4			△			△		
Asrock	X370 Pro4	DDR4								
Asrock	X370 Taichi	DDR4			△			△		
ASUS	PRIME X370-A	DDR4			②/②*	①		④/②*	④	
ASUS	PRIME X370-PRO	DDR4			②/②*	①		④/②*	④	
ASUS	ROG CROSSHAIR VI EXTREME	DDR4								
ASUS	ROG CROSSHAIR VI HERO	DDR4			△	△		△		
ASUS	ROG CROSSHAIR VI HERO (WI-FI AC)	DDR4								
ASUS	ROG STRIX X370-F GAMING	DDR4								
ASUS	ROG STRIX X370-I GAMING	DDR4			②	②		②	②	
GIGABYTE	GA-AX370-Gaming	DDR4			④	△		△		
GIGABYTE	GA-AX370-Gaming 3	DDR4			④					
GIGABYTE	GA-AX370-GAMING 5	DDR4			④	④		②	④	
GIGABYTE	GA-AX370-Gaming K3	DDR4			④					
GIGABYTE	GA-AX370-Gaming K5	DDR4			④					
GIGABYTE	GA-AX370-Gaming K7	DDR4			④	④		②	④	
GIGABYTE	GA-AX370M-DS3H	DDR4			④					
GIGABYTE	GA-AX370M-Gaming 3	DDR4			④					
MSI	X370 GAMING M7 ACK	DDR4			④	④			④	
MSI	X370 GAMING PLUS	DDR4			④	④			④	
MSI	X370 GAMING PRO	DDR4			④	④			④	
MSI	X370 GAMING PRO CARBON	DDR4			④	④		△	④	
MSI	X370 GAMING PRO CARBON AC	DDR4			④	④			④	
MSI	X370 KRAIT GAMING	DDR4			④	④			④	
MSI	X370 SLI PLUS	DDR4			④	④			④	
MSI	X370 XPOWER GAMING TITANIUM	DDR4			④	④		△	④	
AMD B350										
Asrock	AB350 Pro4	DDR4			△					
Asrock	AB350M	DDR4			△					
Asrock	AB350M Pro4	DDR4			△					
Asrock	AB350M Pro4/DASH	DDR4								
Asrock	AB350M-HDV	DDR4								
Asrock	Fatal1ty AB350 Gaming K4	DDR4			△			△		
Asrock	Fatal1ty AB350 Gaming-ITX/ac	DDR4								
ASUS	PRIME B350M-A/CSM	DDR4			2933/②*	2933		2133/②*	2133	
ASUS	PRIME B350M-E	DDR4			②/②*	②/①*		②/②*	②	
ASUS	PRIME B350-PLUS	DDR4			2933/②*	2933		2133/②*	2133	
ASUS	ROG STRIX B350-F GAMING	DDR4			②/②*	②		②/②*	④	
ASUS	TUF B350M-PLUS GAMING	DDR4			2933/②*	2933		④/②*	④	

GIGABYTE	GA-AB350-Gaming	DDR4			△/②*	△		△			
GIGABYTE	GA-AB350-Gaming 3	DDR4			△/②*	△		△			
GIGABYTE	GA-AB350M-D3H	DDR4			△/②*	△		△			
GIGABYTE	GA-AB350M-D3V	DDR4									
GIGABYTE	GA-AB350M-DS2	DDR4			△	△		△			
GIGABYTE	GA-AB350M-DS3H	DDR4			②*						
GIGABYTE	GA-AB350M-Gaming-3	DDR4			△/②*	△		△			
GIGABYTE	GA-AB350M-HD3	DDR4			△	△		△			
GIGABYTE	GA-AB350M-Gaming WIFI	DDR4			2933/②*	2933		②	②		
MSI	B350 GAMING PLUS	DDR4									
MSI	B350 GAMING PRO CARBON	DDR4									
MSI	B350 KRAIT GAMING	DDR4									
MSI	B350 PC MATE	DDR4									
MSI	B350 TOMAHAWK	DDR4			△			△			
MSI	B350 TOMAHAWK ARCTIC	DDR4									
MSI	B350 TOMAHAWK PLUS	DDR4			2933	2933		②	②		
MSI	B350M BAZOOKA	DDR4									
MSI	B350M GAMING PRO	DDR4			△			△			
MSI	B350M GAMING PRO	DDR4									
MSI	B350M MORTAR	DDR4			△			△			
MSI	B350M MORTAR ARCTIC	DDR4									
MSI	B350M PRO-VD PLUS	DDR4									
MSI	B350M PRO-VDH	DDR4									
MSI	B350M PRO-VH PLUS	DDR4									

AMD A320

Asrock	A320M	DDR4									
Asrock	A320M Pro4	DDR4									
Asrock	A320M-DGS	DDR4									
Asrock	A320M-HDV	DDR4						②*			
Asrock	A320M-ITX	DDR4									
ASUS	PRIME A320M-A	DDR4			2933/②*	2933		②*			
ASUS	PRIME A320M-C R2.0	DDR4									
ASUS	PRIME A320M-K	DDR4			2933/②*	2933/①*		2133/②*	②		
GIGABYTE	GA-A320-DS3	DDR4			④						
GIGABYTE	GA-A320MA-M.2	DDR4			④						
GIGABYTE	GA-A320M-D2P	DDR4			④						
GIGABYTE	GA-A320M-DS2	DDR4			④						
GIGABYTE	GA-A320M-HD2	DDR4			④						
GIGABYTE	GA-A320M-S2H	DDR4			④						
MSI	A320M BAZOOKA	DDR4			④	④			④		
MSI	A320M GAMING PRO	DDR4			④	④			④		
MSI	A320M GRENADE	DDR4			④	④			④		
MSI	A320M PRO-M2	DDR4			②	②					
MSI	A320M PRO-VD	DDR4									
MSI	A320M PRO-VD PLUS	DDR4			④	④			④		
MSI	A320M PRO-VD/S	DDR4			④	④			④		
MSI	A320M PRO-VH PLUS	DDR4			④	④			④		
MSI	A320M PRO-VHL	DDR4			④	④			④		