

BOLT V DDR5 MEMORY COMPATIBILITY LIST *

* Compatibility here refers to the memory product that passed manufacturer's QVL (Qualified Vendors List) process.

Last update: Dec 2024

Run Speed (MT/s)	Manufacturer	Platform	Motherboard	Capacity
6800	ASUS	Intel	ROG STRIX Z890-A GAMING WIFI	16GB
6800	ASUS	Intel	ROG STRIX Z890-F GAMING WIFI	16GB
6800	ASUS	Intel	ROG STRIX Z890-E GAMING WIFI	16GB
6800	ASUS	Intel	ROG MAXIMUS Z890 HERO	16GB
6800	ASUS	Intel	ROG MAXIMUS Z890 EXTREME	16GB
6800	ASUS	Intel	ProArt Z890-CREATOR WIFI	16GB
6800	ASROCK	Intel	Z790I Lightning WiFi	16GB
6800	ASROCK	Intel	Z890 Taichi OCF	16GB
6800	ASROCK	Intel	Z890 Taichi	16GB
6800	ASROCK	Intel	Z890 Taichi Lite	16GB
6800	ASROCK	Intel	Z890 Steel Legend WiFi	16GB
6800	ASROCK	Intel	Z890 Pro RS WiFi White	16GB
6800	ASROCK	Intel	Z890 Pro RS WiFi	16GB
6800	ASROCK	Intel	Z890 Pro RS	16GB
6800	ASROCK	Intel	Z890 Pro-A WiFi	16GB
6800	ASROCK	Intel	Z890 Pro-A	16GB
6800	ASROCK	Intel	Z890 Nova WiFi	16GB
6800	ASROCK	Intel	Z890 Riptide WiFi	16GB
6800	ASROCK	Intel	Z890M Riptide WiFi	16GB
6800	ASROCK	Intel	Z890I Nova WiFi	16GB
6800	ASROCK	AMD	X870E Taichi	16GB
6800	ASROCK	AMD	X870E Taichi Lite	16GB
6800	ASROCK	AMD	X870 Steel Legend WiFi	16GB
6800	ASROCK	AMD	X870 Pro RS WiFi	16GB
6800	ASROCK	AMD	X870 Pro RS	16GB
6800	ASROCK	AMD	X870E Nova WiFi	16GB
6800	ASROCK	AMD	X870 Riptide WiFi	16GB
6800	GIGABYTE	Intel	Z890 AORUS XTREME AI TOP	16GB
6800	GIGABYTE	Intel	Z890 AORUS PRO ICE	16GB
6800	GIGABYTE	Intel	Z890 AORUS ELITE WIFI7 ICE	16GB
6800	GIGABYTE	Intel	Z890 AORUS ELITE WIFI7	16GB
6800	GIGABYTE	Intel	Z890 GAMING X WIFI7	16GB
6800	GIGABYTE	Intel	Z890I AORUS ULTRA	16GB
6800	GIGABYTE	Intel	Z890 AERO D	16GB

Run Speed (MT/s)	Manufacturer	Platform	Motherboard	Capacity
6800	GIGABYTE	Intel	Z890 UD	16GB
6800	GIGABYTE	Intel	Z890 AORUS MASTER	16GB
6800	GIGABYTE	Intel	Z890 UD WIFI6E	16GB
6800	GIGABYTE	Intel	Z890 EAGLE WIFI7	16GB
6800	GIGABYTE	Intel	Z890M GAMING X	16GB
6800	GIGABYTE	Intel	Z890 AERO G	16GB
6800	GIGABYTE	Intel	Z890M AORUS ELITE WIFI7	16GB
6800	GIGABYTE	Intel	Z890M AORUS ELITE WIFI7 ICE	16GB
6800	GIGABYTE	Intel	Z890 AI TOP	16GB
6800	GIGABYTE	AMD	X870E AORUS XTREME AI TOP	16GB
6800	GIGABYTE	AMD	X870E AORUS MASTER	16GB
6800	GIGABYTE	AMD	X870E AORUS ELITE WIFI7	16GB
6800	GIGABYTE	AMD	X870E AORUS PRO ICE	16GB
6800	GIGABYTE	AMD	X870E AORUS PRO	16GB
6800	GIGABYTE	AMD	X870 AORUS ELITE WIFI7 ICE	16GB
6800	GIGABYTE	AMD	X870 GAMING X WIFI7	16GB
6800	GIGABYTE	AMD	X870 EAGLE WIFI7	16GB
6800	GIGABYTE	AMD	X870 GAMING WIFI6	16GB
6800	GIGABYTE	AMD	X870I AORUS PRO ICE	16GB
6800	GIGABYTE	AMD	X870 AORUS ELITE WIFI7	16GB
6800	MSI	Intel	MAG Z790 TOMAHAWK MAX WIFI	16GB
6800	MSI	Intel	PRO Z790-A MAX WIFI	16GB
6800	MSI	Intel	MPG Z790 EDGE TI MAX WIFI	16GB
6800	MSI	Intel	MEG Z790 GODLIKE MAX	16GB
6800	MSI	Intel	MPG Z790 CARBON MAX WIFI	16GB
6800	MSI	Intel	MEG Z790 ACE MAX	16GB
6800	MSI	Intel	Z790 GAMING PRO WIFI	16GB
6800	MSI	Intel	MEG Z790 GODLIKE	16GB
6800	MSI	Intel	MPG Z790I EDGE WIFI	16GB
6800	MSI	Intel	MAG Z790 TOMAHAWK WIFI	16GB
6800	MSI	Intel	PRO Z790-P	16GB
6800	MSI	Intel	PRO Z790-A WIFI	16GB
6800	MSI	Intel	MPG Z790 CARBON WIFI	16GB
6800	MSI	Intel	MPG Z790 EDGE WIFI	16GB
6800	MSI	Intel	MEG Z790 ACE	16GB
6800	MSI	Intel	Z790MPOWER	16GB
6800	MSI	Intel	MEG Z890 ACE	16GB

Run Speed (MT/s)	Manufacturer	Platform	Motherboard	Capacity
6800	MSI	Intel	MEG Z890 UNIFY-X	16GB
6800	MSI	Intel	MPG Z890 CARBON WIFI	16GB
6800	MSI	Intel	MPG Z890 EDGE TI WIFI	16GB
6800	MSI	Intel	MAG Z890 TOMAHAWK WIFI	16GB
6800	MSI	Intel	PRO Z890-A WIFI	16GB
6800	MSI	Intel	PRO Z890-P WIFI	16GB
6800	MSI	Intel	PRO Z890-S WIFI	16GB
6800	MSI	Intel	Z890 GAMING PLUS WIFI	16GB
6800	MSI	AMD	MPG X870E CARBON WIFI	16GB
6800	MSI	AMD	MEG X870E GODLIKE	16GB
6800	MSI	AMD	MAG X870 TOMAHAWK WIFI	16GB
6800	MSI	AMD	PRO X870-P WIFI	16GB
6400	ASUS	AMD	ROG STRIX X670E-F GAMING WIFI	16GB
6400	ASUS	AMD	ROG STRIX X670E-E GAMING WIFI	16GB
6400	ASUS	AMD	ROG CROSSHAIR X670E EXTREME	16GB
6400	ASUS	AMD	ROG CROSSHAIR X670E GENE	16GB
6400	ASUS	AMD	ROG CROSSHAIR X670E HERO	16GB
6400	ASUS	AMD	ROG STRIX X670E-A GAMING WIFI	16GB
6400	ASUS	Intel	ROG MAXIMUS Z790 FORMULA	16GB
6400	ASUS	Intel	ROG MAXIMUS Z790 APEX ENCORE	16GB
6400	ASUS	Intel	ROG STRIX Z790-F GAMING WIFI II	16GB
6400	ASUS	Intel	ROG STRIX Z790-E GAMING WIFI II	16GB
6400	ASUS	Intel	ROG STRIX Z790-A GAMING WIFI II	16GB
6400	ASUS	Intel	ROG MAXIMUS Z790 DARK HERO	16GB
6400	ASUS	Intel	ROG MAXIMUS Z790 HERO EVA-02 EDITION	16GB
6400	ASUS	Intel	ROG MAXIMUS Z790 EXTREME	16GB
6400	ASUS	Intel	ROG MAXIMUS Z790 HERO	16GB
6400	ASUS	Intel	ROG MAXIMUS Z790 APEX	16GB
6400	ASUS	Intel	ROG STRIX Z790-H GAMING WIFI	16GB
6400	ASUS	Intel	ROG STRIX Z790-A GAMING WIFI	16GB
6400	ASUS	Intel	ROG STRIX Z790-I GAMING WIFI	16GB
6400	ASUS	Intel	ROG STRIX Z790-E GAMING WIFI	16GB
6400	ASUS	Intel	ROG STRIX Z790-F GAMING WIFI	16GB
6400	ASUS	Intel	Z790-AYW WIFI W	16GB
6400	ASUS	Intel	TUF GAMING Z790-PRO WIFI	16GB
6400	ASUS	Intel	ProArt Z790-CREATOR WIFI	16GB
6400	ASUS	Intel	ROG STRIX Z890-A GAMING WIFI	16GB

Run Speed (MT/s)	Manufacturer	Platform	Motherboard	Capacity
6400	ASUS	Intel	ROG STRIX Z890-F GAMING WIFI	16GB
6400	ASUS	Intel	ROG STRIX Z890-E GAMING WIFI	16GB
6400	ASUS	Intel	ROG MAXIMUS Z890 APEX	16GB
6400	ASUS	Intel	ROG MAXIMUS Z890 HERO	16GB
6400	ASUS	Intel	ROG MAXIMUS Z890 EXTREME	16GB
6400	ASUS	Intel	ProArt Z890-CREATOR WIFI	16GB
6400	ASUS	AMD	ROG STRIX X870-A GAMING WIFI	16GB
6400	ASUS	AMD	ROG STRIX X870E-E GAMING WIFI	16GB
6400	ASUS	AMD	ROG STRIX X870-F GAMING WIFI	16GB
6400	ASUS	AMD	ProArt X870E-Creator WiFi	16GB
6400	ASROCK	Intel	Z790I Lightning WiFi	16GB
6400	ASROCK	Intel	Z890 Taichi OCF	16GB
6400	ASROCK	Intel	Z890 Taichi	16GB
6400	ASROCK	Intel	Z890 Taichi Lite	16GB
6400	ASROCK	Intel	Z890 Pro RS WiFi White	16GB
6400	ASROCK	Intel	Z890 Pro RS WiFi	16GB
6400	ASROCK	Intel	Z890 Pro RS	16GB
6400	ASROCK	Intel	Z890 Pro-A WiFi	16GB
6400	ASROCK	Intel	Z890 Pro-A	16GB
6400	ASROCK	Intel	Z890 Nova WiFi	16GB
6400	ASROCK	Intel	Z890 Riptide WiFi	16GB
6400	ASROCK	Intel	Z890M Riptide WiFi	16GB
6400	ASROCK	Intel	Z890I Nova WiFi	16GB
6400	ASROCK	AMD	X870E Taichi	16GB
6400	ASROCK	AMD	X870E Taichi Lite	16GB
6400	ASROCK	AMD	X870 Steel Legend WiFi	16GB
6400	ASROCK	AMD	X870 Pro RS WiFi	16GB
6400	ASROCK	AMD	X870 Pro RS	16GB
6400	ASROCK	AMD	X870E Nova WiFi	16GB
6400	ASROCK	AMD	X870 Riptide WiFi	16GB
6400	GIGABYTE	Intel	Z890 AORUS XTREME AI TOP	16GB
6400	GIGABYTE	Intel	Z890 AORUS PRO ICE	16GB
6400	GIGABYTE	Intel	Z890 AORUS ELITE WIFI7 ICE	16GB
6400	GIGABYTE	Intel	Z890 AORUS ELITE WIFI7	16GB
6400	GIGABYTE	Intel	Z890 GAMING X WIFI7	16GB
6400	GIGABYTE	Intel	Z890I AORUS ULTRA	16GB
6400	GIGABYTE	Intel	Z890 AERO D	16GB

Run Speed (MT/s)	Manufacturer	Platform	Motherboard	Capacity
6400	GIGABYTE	Intel	Z890 UD	16GB
6400	GIGABYTE	Intel	Z890 AORUS MASTER	16GB
6400	GIGABYTE	Intel	Z890 UD WIFI6E	16GB
6400	GIGABYTE	Intel	Z890 EAGLE WIFI7	16GB
6400	GIGABYTE	Intel	Z890M GAMING X	16GB
6400	GIGABYTE	Intel	Z890 AERO G	16GB
6400	GIGABYTE	Intel	Z890M AORUS ELITE WIFI7	16GB
6400	GIGABYTE	Intel	Z890M AORUS ELITE WIFI7 ICE	16GB
6400	GIGABYTE	Intel	Z890 AI TOP	16GB
6400	GIGABYTE	AMD	X870E AORUS XTREME AI TOP	16GB
6400	GIGABYTE	AMD	X870E AORUS MASTER	16GB
6400	GIGABYTE	AMD	X870E AORUS ELITE WIFI7	16GB
6400	GIGABYTE	AMD	X870E AORUS PRO ICE	16GB
6400	GIGABYTE	AMD	X870E AORUS PRO	16GB
6400	GIGABYTE	AMD	X870 AORUS ELITE WIFI7 ICE	16GB
6400	GIGABYTE	AMD	X870 GAMING X WIFI7	16GB
6400	GIGABYTE	AMD	X870 EAGLE WIFI7	16GB
6400	GIGABYTE	AMD	X870 GAMING WIFI6	16GB
6400	GIGABYTE	AMD	X870I AORUS PRO ICE	16GB
6400	GIGABYTE	AMD	X870 AORUS ELITE WIFI7	16GB
6400	MSI	Intel	MAG Z790 TOMAHAWK MAX WIFI	16GB
6400	MSI	Intel	PRO Z790-A MAX WIFI	16GB
6400	MSI	Intel	MPG Z790 EDGE TI MAX WIFI	16GB
6400	MSI	Intel	MEG Z790 GODLIKE MAX	16GB
6400	MSI	Intel	MPG Z790 CARBON MAX WIFI	16GB
6400	MSI	Intel	MEG Z790 ACE MAX	16GB
6400	MSI	Intel	Z790 GAMING PRO WIFI	16GB
6400	MSI	Intel	MEG Z790 GODLIKE	16GB
6400	MSI	Intel	MPG Z790I EDGE WIFI	16GB
6400	MSI	Intel	MAG Z790 TOMAHAWK WIFI	16GB
6400	MSI	Intel	PRO Z790-P	16GB
6400	MSI	Intel	PRO Z790-A WIFI	16GB
6400	MSI	Intel	MPG Z790 CARBON WIFI	16GB
6400	MSI	Intel	MPG Z790 EDGE WIFI	16GB
6400	MSI	Intel	MEG Z790 ACE	16GB
6400	MSI	Intel	Z790MPOWER	16GB
6400	MSI	Intel	MEG Z890 ACE	16GB

Run Speed (MT/s)	Manufacturer	Platform	Motherboard	Capacity
6400	MSI	Intel	MEG Z890 UNIFY-X	16GB
6400	MSI	Intel	MPG Z890 CARBON WIFI	16GB
6400	MSI	Intel	MPG Z890 EDGE TI WIFI	16GB
6400	MSI	Intel	MAG Z890 TOMAHAWK WIFI	16GB
6400	MSI	Intel	PRO Z890-A WIFI	16GB
6400	MSI	Intel	PRO Z890-P WIFI	16GB
6400	MSI	Intel	PRO Z890-S WIFI	16GB
6400	MSI	Intel	Z890 GAMING PLUS WIFI	16GB
6400	MSI	AMD	MPG X870E CARBON WIFI	16GB
6400	MSI	AMD	MEG X870E GODLIKE	16GB
6400	MSI	AMD	MAG X870 TOMAHAWK WIFI	16GB
6400	MSI	AMD	PRO X870-P WIFI	16GB
6000	ASUS	AMD	ROG STRIX X670E-F GAMING WIFI	16GB
6000	ASUS	AMD	ROG STRIX X670E-E GAMING WIFI	16GB
6000	ASUS	AMD	ROG CROSSHAIR X670E EXTREME	16GB
6000	ASUS	AMD	ROG CROSSHAIR X670E GENE	16GB
6000	ASUS	AMD	ROG CROSSHAIR X670E HERO	16GB
6000	ASUS	AMD	ROG STRIX X670E-A GAMING WIFI	16GB
6000	ASUS	Intel	ROG STRIX Z890-A GAMING WIFI	16GB
6000	ASUS	Intel	ROG STRIX Z890-F GAMING WIFI	16GB
6000	ASUS	Intel	ROG STRIX Z890-E GAMING WIFI	16GB
6000	ASUS	Intel	ROG MAXIMUS Z890 APEX	16GB
6000	ASUS	Intel	ROG MAXIMUS Z890 HERO	16GB
6000	ASUS	Intel	ROG MAXIMUS Z890 EXTREME	16GB
6000	ASUS	Intel	ProArt Z890-CREATOR WIFI	16GB
6000	ASUS	AMD	ROG STRIX X870-A GAMING WIFI	16GB
6000	ASUS	AMD	ROG STRIX X870E-E GAMING WIFI	16GB
6000	ASUS	AMD	ROG STRIX X870-F GAMING WIFI	16GB
6000	ASUS	AMD	ProArt X870E-Creator WiFi	16GB
6000	ASROCK	Intel	Z790I Lightning WiFi	16GB
6000	ASROCK	Intel	Z890 Taichi OCF	16GB
6000	ASROCK	Intel	Z890 Taichi	16GB
6000	ASROCK	Intel	Z890 Taichi Lite	16GB
6000	ASROCK	Intel	Z890 Pro RS WiFi White	16GB
6000	ASROCK	Intel	Z890 Pro RS WiFi	16GB
6000	ASROCK	Intel	Z890 Pro RS	16GB
6000	ASROCK	Intel	Z890 Pro-A WiFi	16GB

Run Speed (MT/s)	Manufacturer	Platform	Motherboard	Capacity
6000	ASROCK	Intel	Z890 Pro-A	16GB
6000	ASROCK	Intel	Z890 Nova WiFi	16GB
6000	ASROCK	Intel	Z890 Riptide WiFi	16GB
6000	ASROCK	Intel	Z890M Riptide WiFi	16GB
6000	ASROCK	Intel	Z890I Nova WiFi	16GB
6000	ASROCK	AMD	X870E Taichi	16GB
6000	ASROCK	AMD	X870E Taichi Lite	16GB
6000	ASROCK	AMD	X870 Steel Legend WiFi	16GB
6000	ASROCK	AMD	X870 Pro RS WiFi	16GB
6000	ASROCK	AMD	X870 Pro RS	16GB
6000	ASROCK	AMD	X870E Nova WiFi	16GB
6000	ASROCK	AMD	X870 Riptide WiFi	16GB
6000	GIGABYTE	Intel	Z890 AORUS XTREME AI TOP	16GB
6000	GIGABYTE	Intel	Z890 AORUS PRO ICE	16GB
6000	GIGABYTE	Intel	Z890 AORUS ELITE WIFI7 ICE	16GB
6000	GIGABYTE	Intel	Z890 AORUS ELITE WIFI7	16GB
6000	GIGABYTE	Intel	Z890 GAMING X WIFI7	16GB
6000	GIGABYTE	Intel	Z890I AORUS ULTRA	16GB
6000	GIGABYTE	Intel	Z890 AERO D	16GB
6000	GIGABYTE	Intel	Z890 UD	16GB
6000	GIGABYTE	Intel	Z890 AORUS MASTER	16GB
6000	GIGABYTE	Intel	Z890 UD WIFI6E	16GB
6000	GIGABYTE	Intel	Z890 EAGLE WIFI7	16GB
6000	GIGABYTE	Intel	Z890M GAMING X	16GB
6000	GIGABYTE	Intel	Z890 AERO G	16GB
6000	GIGABYTE	Intel	Z890M AORUS ELITE WIFI7	16GB
6000	GIGABYTE	Intel	Z890M AORUS ELITE WIFI7 ICE	16GB
6000	GIGABYTE	Intel	Z890 AI TOP	16GB
6000	GIGABYTE	AMD	X870E AORUS XTREME AI TOP	16GB
6000	GIGABYTE	AMD	X870E AORUS MASTER	16GB
6000	GIGABYTE	AMD	X870E AORUS ELITE WIFI7	16GB
6000	GIGABYTE	AMD	X870E AORUS PRO ICE	16GB
6000	GIGABYTE	AMD	X870E AORUS PRO	16GB
6000	GIGABYTE	AMD	X870 AORUS ELITE WIFI7 ICE	16GB
6000	GIGABYTE	AMD	X870 GAMING X WIFI7	16GB
6000	GIGABYTE	AMD	X870 EAGLE WIFI7	16GB
6000	GIGABYTE	AMD	X870 GAMING WIFI6	16GB

Run Speed (MT/s)	Manufacturer	Platform	Motherboard	Capacity
6000	GIGABYTE	AMD	X870I AORUS PRO ICE	16GB
6000	GIGABYTE	AMD	X870 AORUS ELITE WIFI7	16GB
6000	MSI	Intel	MAG Z790 TOMAHAWK MAX WIFI	16GB
6000	MSI	Intel	PRO Z790-A MAX WIFI	16GB
6000	MSI	Intel	MPG Z790 EDGE TI MAX WIFI	16GB
6000	MSI	Intel	MEG Z790 GODLIKE MAX	16GB
6000	MSI	Intel	MPG Z790 CARBON MAX WIFI	16GB
6000	MSI	Intel	MEG Z790 ACE MAX	16GB
6000	MSI	Intel	Z790 GAMING PRO WIFI	16GB
6000	MSI	Intel	MEG Z790 GODLIKE	16GB
6000	MSI	Intel	MPG Z790I EDGE WIFI	16GB
6000	MSI	Intel	MAG Z790 TOMAHAWK WIFI	16GB
6000	MSI	Intel	PRO Z790-P	16GB
6000	MSI	Intel	PRO Z790-A WIFI	16GB
6000	MSI	Intel	MPG Z790 CARBON WIFI	16GB
6000	MSI	Intel	MPG Z790 EDGE WIFI	16GB
6000	MSI	Intel	MEG Z790 ACE	16GB
6000	MSI	Intel	Z790MPOWER	16GB
6000	MSI	Intel	MEG Z890 ACE	16GB
6000	MSI	Intel	MEG Z890 UNIFY-X	16GB
6000	MSI	Intel	MPG Z890 CARBON WIFI	16GB
6000	MSI	Intel	MPG Z890 EDGE TI WIFI	16GB
6000	MSI	Intel	MAG Z890 TOMAHAWK WIFI	16GB
6000	MSI	Intel	PRO Z890-A WIFI	16GB
6000	MSI	Intel	PRO Z890-P WIFI	16GB
6000	MSI	Intel	PRO Z890-S WIFI	16GB
6000	MSI	Intel	Z890 GAMING PLUS WIFI	16GB
6000	MSI	AMD	MPG X870E CARBON WIFI	16GB
6000	MSI	AMD	MEG X870E GODLIKE	16GB
6000	MSI	AMD	MAG X870 TOMAHAWK WIFI	16GB
6000	MSI	AMD	PRO X870-P WIFI	16GB