



2021.09.30.V1

TOUGHRAM XG RGB Support List				16GB 4000MHz	32GB 4000MHz
Brand	INTEL Chipset	Channel	Model		
ASUS	Intel Z590	Dual (2x16 32GB)	Z590-E Gaming wifi	INTEL 11 (Y)	INTEL 11 (Y)
MSI	Intel Z590	Dual (2x16 32GB)	MEG Z590 ACE	INTEL 11 (Y)	INTEL 11 (Y)
MSI	Intel Z590	Dual (2x16 32GB)	MEG Z590I Unify	INTEL 11 (Y)	INTEL 11 (Y)
MSI	Intel Z590	Dual (2x16 32GB)	MEG Z590 Unify-X	INTEL 11 (Y)	INTEL 11 (Y)
Asrock	Intel Z590	Dual (2x16 32GB)	Z590 Taichi	INTEL 11 (Y)	INTEL 11 (Y)
Asrock	Intel Z590	Dual (2x16 32GB)	Z590 Steel Legend WiFi 6E	INTEL 11 (Y)	--
Asrock	Intel Z590	Dual (2x16 32GB)	Z590 Pro4	INTEL 11 (Y)	--
Asrock	Intel Z590	Dual (2x16 32GB)	Z590M Phantom Gaming 4	INTEL 11 (Y)	--
Asrock	Intel Z590	Dual (2x16 32GB)	Z590M Pro4	INTEL 11 (Y)	--
Asrock	Intel Z590	Dual (2x16 32GB)	Z590 Extreme WiFi 6E	INTEL 11 (Y)	--
Asrock	Intel Z590	Dual (2x16 32GB)	Z590 Extreme	INTEL 11 (Y)	--
Asrock	Intel Z590	Dual (2x16 32GB)	Z590 Steel Legend	INTEL 11 (Y)	--
Asrock	Intel Z590	Dual (2x16 32GB)	Z590 PG Velocita	INTEL 11 (Y)	--
Asrock	Intel Z590	Dual (2x16 32GB)	Z590 Phantom Gaming 4/ac	INTEL 11 (Y)	--
Asrock	Intel Z590	Dual (2x16 32GB)	Z590 Phantom Gaming 4/ac+	INTEL 11 (Y)	--
Asrock	Intel Z590	Dual (2x16 32GB)	Z590 Phantom Gaming 4	INTEL 11 (Y)	--
Asrock	Intel Z590	Dual (2x16 32GB)	Z590 OC Formula	INTEL 11 (Y)	INTEL 11 (Y)
TOUGHRAM XG RGB Support List				16GB 4000MHz	32GB 4000MHz
Brand	INTEL Chipset	Channel	Model		
MSI	Intel B560	Dual (2x16 32GB)	MAG B560M Bazooka	INTEL 11 (Y)	INTEL 11 (Y)
MSI	Intel B560	Dual (2x16 32GB)	B560M PRO	INTEL 11 (Y)	INTEL 11 (Y)
MSI	Intel B560	Dual (2x16 32GB)	B560M PRO-E	INTEL 11 (Y)	INTEL 11 (Y)
MSI	Intel B560	Dual (2x16 32GB)	MPG B560I Gaming edge WIFI	INTEL 11 (Y)	INTEL 11 (Y)
Asrock	Intel B560	Dual (2x16 32GB)	B560 Steel Legend	INTEL 11 (Y)	--
Asrock	Intel B560	Dual (2x16 32GB)	B560 Pro4	INTEL 11 (Y)	--
Asrock	Intel B560	Dual (2x16 32GB)	B560M Steel Legend	INTEL 11 (Y)	--
Asrock	Intel B560	Dual (2x16 32GB)	B560M Pro4	INTEL 11 (Y)	--
Asrock	Intel B560	Dual (2x16 32GB)	B560M-HDV	INTEL 11 (Y)	--
Asrock	Intel B560	Dual (2x16 32GB)	B560M PRO4/ac	INTEL 11 (Y)	--

TOUGHRAM XG RGB Support List				16GB 4000MHz	32GB 4000MHz
Brand	INTEL Chipset	Channel	Model		
ASUS	Intel Z490	Dual (2x16 32GB)	ROG MAXIMUS XII HERO WI-FI	INTEL 10 (Y)	INTEL 10 (Y)
ASUS	Intel Z490	Dual (2x16 32GB)	ROG Strix Z490-I Gaming	INTEL 10 (Y)	INTEL 10 (Y)
ASUS	Intel Z490	Dual (2x16 32GB)	ROG-MAXIMUS-XII-FORMULA	INTEL 10 (Y)	INTEL 10 (Y)
Asrock	Intel Z490	Dual (2x16 32GB)	Z490 Taichi	INTEL 10 (Y)	INTEL 10 (Y)
MSI	Intel Z490	Dual (2x16 32GB)	MPG Z490 Gaming Plus	INTEL 10 (Y)	INTEL 10 (Y)
MSI	Intel Z490	Dual (2x16 32GB)	MEG Z490 ACE	INTEL 10 (Y)	INTEL 10 (Y)
MSI	Intel Z490	Dual (2x16 32GB)	MEG Z490I Unify	INTEL 10 (Y)	INTEL 10 (Y)
Gigabyte	Intel Z490	Dual (2x16 32GB)	Z490 AORUS Elite AC	INTEL 10 (Y)	INTEL 10 (Y)
TOUGHRAM XG RGB Support List				16GB 4000MHz	32GB 4000MHz
Brand	AMD Chipset	Channel	Model		
ASUS	AMD X570 Vermeer	Dual (2x16 32GB)	Prime X570-P	5000 (Y)	5000 (Y)
ASUS	AMD X570 Vermeer	Dual (2x16 32GB)	TUF Gaming X570 Plus	5000 (Y)	5000 (Y)
ASUS	AMD X570 Vermeer	Dual (2x16 32GB)	ROG STRIX X570-E Gaming	5000 (Y)	5000 (Y)
MSI	AMD X570 Vermeer	Dual (2x16 32GB)	MEG X570 ACE	5000 (Y)	5000 (Y)
MSI	AMD X570 Vermeer	Dual (2x16 32GB)	MPG X570 Gaming Plus	5000 (Y)	5000 (Y)
Gigabyte	AMD X570 Vermeer	Dual (2x16 32GB)	X570 AORUS PRO WIFI	5000 (Y)	5000 (Y)
Gigabyte	AMD X570 Vermeer	Dual (2x16 32GB)	X570 AORUS Master	5000 (Y)	5000 (Y)
TOUGHRAM XG RGB Support List				16GB 4000MHz	32GB 4000MHz
Brand	AMD Chipset	Channel	Model		
ASUS	AMD B550 Vermeer	Dual (2x16 32GB)	ROG STRIX B550-E Gaming	5000 (Y)	5000 (Y)
ASUS	AMD B550 Vermeer	Dual (2x16 32GB)	Prime B550M-A WIFI	5000 (Y)	5000 (Y)
Gigabyte	AMD B550 Vermeer	Dual (2x16 32GB)	B550 Gaming-X V2	5000 (Y)	--
Gigabyte	AMD B550 Vermeer	Dual (2x16 32GB)	B550 AORUS Master	5000 (Y)	5000 (Y)
MSI	AMD B550 Vermeer	Dual (2x16 32GB)	B550M Pro-VDH WIFI	5000 (Y)	5000 (Y)
MSI	AMD B550 Vermeer	Dual (2x16 32GB)	B550 Unify-X	5000 (Y)	5000 (Y)

Supports Intel® Extreme Memory Profile (XMP)

* Please refer to your motherboard's specification page for more details.

* The maximum memory frequency supported varies by processor.

Support AMD Ryzen™ 3000-Series CPU , Ryzen™ 4000-Series APU, Ryzen™ 5000-Series CPU

* Please refer to your motherboard's specification page for more details.