



2021.06.14.V4

TOUGHRAM XG RGB Support List				8GB 4600MHz
Brand	INTEL Chipset	Channel	Model	
ASUS	INTEL Z590	Dual (2x8GB)	PRIME Z590M-PLUS	INTEL 10 (Y) INTEL 11 (Y)
ASUS	INTEL Z590	Dual (2x8GB)	TUF GAMING Z590-PLUS	INTEL 10 (Y) INTEL 11 (Y)
ASUS	INTEL Z590	Dual (2x8GB)	PRIME Z590-P	INTEL 10 (Y) INTEL 11 (Y)
ASUS	INTEL Z590	Dual (2x8GB)	PRIME Z590-A	INTEL 10 (Y) INTEL 11 (Y)
ASUS	INTEL Z590	Dual (2x8GB)	TUF GAMING Z590-PLUS WIFI	INTEL 10 (Y) INTEL 11 (Y)
ASUS	INTEL Z590	Dual (2x8GB)	ROG STRIX Z590-A GAMING WIFI	INTEL 10 (Y) INTEL 11 (Y)
ASUS	INTEL Z590	Dual (2x8GB)	ROG STRIX Z590-F GAMING WIFI	INTEL 10 (Y) INTEL 11 (Y)
ASUS	INTEL Z590	Dual (2x8GB)	PRIME Z590-V	INTEL 10 (Y) INTEL 11 (Y)
ASUS	INTEL B560	Dual (2x8GB)	TUF GAMING B560-PLUS WIFI	INTEL 10 (Y) INTEL 11 (Y)
ASUS	INTEL B560	Dual (2x8GB)	PRIME B560M-A	INTEL 10 (Y) INTEL 11 (Y)
ASUS	INTEL B560	Dual (2x8GB)	TUF GAMING B560M-PLUS	INTEL 10 (Y) INTEL 11 (Y)
ASUS	INTEL B560	Dual (2x8GB)	TUF GAMING B560M-PLUS WIFI	INTEL 10 (Y) INTEL 11 (Y)
ASUS	INTEL B560	Dual (2x8GB)	PRIME B560-PLUS	INTEL 11 (Y)
ASUS	INTEL B560	Dual (2x8GB)	PRIME B560M-K	INTEL 10 (Y) INTEL 11 (Y)
ASUS	INTEL B560	Dual (2x8GB)	ROG STRIX B560-F GAMING WIFI	INTEL 10 (Y) INTEL 11 (Y)
ASUS	INTEL B560	Dual (2x8GB)	PRIME B560M-K/CSM	INTEL 10 (Y) INTEL 11 (Y)
ASUS	INTEL B560	Dual (2x8GB)	B560M-P	INTEL 10 (Y) INTEL 11 (Y)
ASUS	INTEL B560	Dual (2x8GB)	EX-B560M-V5	INTEL 10 (Y) INTEL 11 (Y)
Gigabyte	INTEL B560	Dual (2x8GB)	B560M D2V (rev. 1.0)	INTEL 11 (Y)
Gigabyte	INTEL Z590	Dual (2x8GB)	Z590 Aorus Xtreme (rev. 1.0)	INTEL 11 (Y)
Gigabyte	INTEL Z590	Dual (2x8GB)	Z590 Aorus Master (rev. 1.0)	INTEL 11 (Y)
Gigabyte	INTEL Z590	Dual (2x8GB)	Z590 Aorus Pro AX (rev. 1.0)	INTEL 11 (Y)
Gigabyte	INTEL Z590	Dual (2x8GB)	Z590 Aorus Elite AX (rev. 1.0)	INTEL 11 (Y)
Gigabyte	INTEL Z590	Dual (2x8GB)	Z590 Aorus Elite (rev. 1.0)	INTEL 11 (Y)
Gigabyte	INTEL Z590	Dual (2x8GB)	Z590 Aorus Ultra (rev. 1.0)	INTEL 11 (Y)
Gigabyte	INTEL Z590	Dual (2x8GB)	Z590 GAMING X (rev. 1.0)	INTEL 11 (Y)
Gigabyte	INTEL Z590	Dual (2x8GB)	Z590 VISION G (rev. 1.0)	INTEL 11 (Y)
Gigabyte	INTEL Z590	Dual (2x8GB)	Z590 VISION D (rev. 1.0)	INTEL 11 (Y)
Gigabyte	INTEL Z590	Dual (2x8GB)	Z590 UD AC (rev. 1.0)	INTEL 11 (Y)
Gigabyte	INTEL Z590	Dual (2x8GB)	Z590 UD (rev. 1.0)	INTEL 11 (Y)
Gigabyte	INTEL Z590	Dual (2x8GB)	Z590 AORUS XTREME WATERFORCE (rev. 1.0)	INTEL 11 (Y)
Gigabyte	INTEL Z590	Dual (2x8GB)	Z590M GAMING X (rev. 1.0)	INTEL 11 (Y)
Gigabyte	INTEL Z590	Dual (2x8GB)	Z590M (rev. 1.0)	INTEL 11 (Y)
Gigabyte	INTEL Z590	Dual (2x8GB)	Z590 D (rev. 1.0)	INTEL 11 (Y)
Gigabyte	INTEL Z590	Dual (2x8GB)	Z590 AORUS TACHYON (rev. 1.0)	INTEL 11 (Y)
Gigabyte	INTEL Z490	Dual (2x8GB)	Z490 Aorus Xtreme (rev. 1.x)	INTEL 10 (Y)

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Brand	AMD Chipset	Channel	Model	
MSI	INTEL B560	Dual (2x8GB)	MPG B560I GAMING EDGE WIFI	INTEL 11 (Y)
MSI	INTEL B560	Dual (2x8GB)	MAG B560 TOMAHAWK WIFI	INTEL 11 (Y)
MSI	INTEL B560	Dual (2x8GB)	MAG B560 TORPEDO	INTEL 11 (Y)
MSI	INTEL B560	Dual (2x8GB)	MAG B560M MORTAR WIFI	INTEL 11 (Y)
MSI	INTEL B560	Dual (2x8GB)	MAG B560M MORTAR	INTEL 11 (Y)
MSI	INTEL B560	Dual (2x8GB)	MAG B560M BAZOOKA	INTEL 11 (Y)
MSI	INTEL B560	Dual (2x8GB)	B560M PRO	INTEL 11 (Y)
MSI	INTEL B560	Dual (2x8GB)	B560M-A PRO	INTEL 11 (Y)
MSI	INTEL B560	Dual (2x8GB)	B560M PRO-E	INTEL 11 (Y)
MSI	INTEL Z590	Dual (2x8GB)	MEG Z590 GODLIKE	INTEL 11 (Y)
MSI	INTEL Z590	Dual (2x8GB)	MEG Z590 ACE	INTEL 11 (Y)
MSI	INTEL Z590	Dual (2x8GB)	MEG Z590 UNIFY	INTEL 11 (Y)
MSI	INTEL Z590	Dual (2x8GB)	MPG Z590 GAMING CARBON WIFI	INTEL 11 (Y)
MSI	INTEL Z590	Dual (2x8GB)	MEG Z590I UNIFY	INTEL 11 (Y)
MSI	INTEL Z590	Dual (2x8GB)	MPG Z590M GAMING EDGE WIFI	INTEL 11 (Y)
MSI	INTEL Z590	Dual (2x8GB)	MPG Z590 GAMING EDGE WIFI	INTEL 11 (Y)
MSI	INTEL Z590	Dual (2x8GB)	MAG Z590 TOMAHAWK WIFI	INTEL 11 (Y)
MSI	INTEL Z590	Dual (2x8GB)	MPG Z590 GAMING PLUS	INTEL 11 (Y)
MSI	INTEL Z590	Dual (2x8GB)	Z590-A PRO	INTEL 11 (Y)
MSI	INTEL Z590	Dual (2x8GB)	MEG Z590 ACE GOLD EDITION	INTEL 11 (Y)
MSI	INTEL Z590	Dual (2x8GB)	MPG Z590 GAMING FORCE	INTEL 11 (Y)
MSI	INTEL Z590	Dual (2x8GB)	MAG Z590 TORPEDO	INTEL 11 (Y)
MSI	INTEL Z590	Dual (2x8GB)	Z590 PRO WIFI	INTEL 11 (Y)
MSI	INTEL Z590	Dual (2x8GB)	Z590 PRO 12VO	INTEL 11 (Y)
MSI	INTEL Z490	Dual (2x8GB)	MEG Z490 GODLIKE	INTEL 10 (Y)
MSI	INTEL Z490	Dual (2x8GB)	MEG Z490 ACE	INTEL 10 (Y)
MSI	INTEL Z490	Dual (2x8GB)	MEG Z490 UNIFY	INTEL 10 (Y)
MSI	INTEL Z490	Dual (2x8GB)	MPG Z490 GAMING CARBON WIFI	INTEL 10 (Y)
MSI	INTEL Z490	Dual (2x8GB)	MEG Z490I UNIFY	INTEL 10 (Y)
MSI	INTEL Z490	Dual (2x8GB)	MPG Z490M GAMING EDGE WIFI	INTEL 10 (Y)
MSI	INTEL Z490	Dual (2x8GB)	MPG Z490 GAMING EDGE WIFI	INTEL 10 (Y)
MSI	INTEL Z490	Dual (2x8GB)	MAG Z490 TOMAHAWK	INTEL 10 (Y)
MSI	INTEL Z490	Dual (2x8GB)	MPG Z490 GAMING PLUS	INTEL 10 (Y)
MSI	INTEL Z490	Dual (2x8GB)	Z490-A PRO	INTEL 10 (Y)

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Brand	AMD Chipset	Channel	Model	
ASUS	AMD B550 Vermeer/Renoir/Matisse	Dual (2x8GB)	ASUS ROG STRIX B550-E Gaming	5000 (Y)
ASUS	AMD B550 Vermeer/Renoir/Matisse	Dual (2x8GB)	ASUS ROG STRIX B550-F Gaming	5000 (Y)
ASUS	AMD B550 Vermeer/Renoir/Matisse	Dual (2x8GB)	ASUS ROG STRIX B550-F Gaming (Wi-Fi)	5000 (Y)
ASUS	AMD B550 Vermeer/Renoir/Matisse	Dual (2x8GB)	ASUS TUF Gaming B550M-PLUS	5000 (Y)
ASUS	AMD B550 Vermeer/Renoir/Matisse	Dual (2x8GB)	ASUS TUF Gaming B550M-PLUS (Wi-Fi)	5000 (Y)
ASUS	AMD B550 Vermeer/Renoir/Matisse	Dual (2x8GB)	ASUS PRIME B550-PLUS	5000 (Y)
ASUS	AMD B550 Vermeer/Renoir/Matisse	Dual (2x8GB)	ASUS PRIME B550M-A (Wi-Fi)	5000 (Y)
ASUS	AMD B550 Vermeer/Renoir/Matisse	Dual (2x8GB)	ASUS PRIME B550M-K	5000 (Y)
ASUS	AMD B550 Vermeer/Renoir/Matisse	Dual (2x8GB)	ASUS PRIME B550M-A	5000 (Y)
MSI	AMD B550 Vermeer/Renoir/Matisse	Dual (2x8GB)	MPG B550 GAMING CARBON WIFI	4000 (Y)
MSI	AMD B550 Vermeer/Renoir/Matisse	Dual (2x8GB)	MPG B550 GAMING EDGE WIFI	4000 (Y)
MSI	AMD B550 Vermeer/Renoir/Matisse	Dual (2x8GB)	MAG B550 TOMAHAWK	4000 (Y)
MSI	AMD B550 Vermeer/Renoir/Matisse	Dual (2x8GB)	MEG B550 UNIFY-X	5000 (Y) 4000 (Y) 3000 (Y)
MSI	AMD B550 Vermeer/Renoir/Matisse	Dual (2x8GB)	MEG B550 UNIFY	5000 (Y) 4000 (Y) 3000 (Y)

TOUGHRAM XG RGB Support List				8GB 4600MHz
Brand	AMD Chipset	Channel	Model	
Gigabyte	AMD X570 Vermeer/Renoir/Matisse	Dual (2x8GB)	X570 I AORUS PRO WIFI (rev. 1.0)	5000 (Y)
Gigabyte	AMD X570 Vermeer/Renoir/Matisse	Dual (2x8GB)	X570 AORUS PRO (rev.1.0)	5000 (Y)
Gigabyte	AMD X570 Vermeer/Renoir/Matisse	Dual (2x8GB)	X570 I AORUS PRO WIFI (rev. 1.0)	5000 (Y)
Gigabyte	AMD X570 Vermeer/Renoir/Matisse	Dual (2x8GB)	X570 AORUS XTREME (rev. 1.1)	5000 (Y)
Gigabyte	AMD X570 Vermeer/Renoir/Matisse	Dual (2x8GB)	X570 AORUS MASTER (rev. 1.1/1.2)	5000 (Y)
Gigabyte	AMD X570 Vermeer/Renoir/Matisse	Dual (2x8GB)	X570 AORUS ULTRA (rev. 1.1/1.2)	5000 (Y)
Gigabyte	AMD X570 Vermeer/Renoir/Matisse	Dual (2x8GB)	X570 AORUS PRO WIFI (rev. 1.1/1.2)	5000 (Y)
Gigabyte	AMD X570 Vermeer/Renoir/Matisse	Dual (2x8GB)	X570 AORUS PRO (rev.1.1/1.2)	5000 (Y)
Gigabyte	AMD X570 Vermeer/Renoir/Matisse	Dual (2x8GB)	X570 AORUS XTREME (rev. 1.2)	5000 (Y)
Gigabyte	AMD X570 Vermeer/Renoir/Matisse	Dual (2x8GB)	X570 GAMING X (rev. 1.1)	5000 (Y)
Gigabyte	AMD B550 Vermeer/Renoir/Matisse	Dual (2x8GB)	B550 AORUS MASTER (rev. 1.0)	5000 (Y)
Gigabyte	AMD B550 Vermeer/Renoir/Matisse	Dual (2x8GB)	B550 AORUS PRO AC (rev. 1.x)	5000 (Y)
Gigabyte	AMD B550 Vermeer/Renoir/Matisse	Dual (2x8GB)	B550 VISION D (rev.1.0)	5000 (Y)
Gigabyte	AMD B550 Vermeer/Renoir/Matisse	Dual (2x8GB)	B550 AORUS PRO AX (rev. 1.0)	5000 (Y)
Gigabyte	AMD B550 Vermeer/Renoir/Matisse	Dual (2x8GB)	B550 AORUS PRO (rev. 1.0)	5000 (Y)
Gigabyte	AMD B550 Vermeer/Renoir/Matisse	Dual (2x8GB)	B550 AORUS PRO V2 (rev. 1.0)	5000 (Y)
Gigabyte	AMD B550 Vermeer/Renoir/Matisse	Dual (2x8GB)	B550I AORUS PRO AX (rev.1.0)	5000 (Y)
Gigabyte	AMD B550 Vermeer/Renoir/Matisse	Dual (2x8GB)	B550 VISION D-P (rev. 1.0)	5000 (Y)
Gigabyte	AMD A520 Vermeer/Renoir/Matisse	Dual (2x8GB)	A520I AC (rev. 1.x)	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.