



2021.03.30.V2

TOUGHRAM XG RGB Support List				8GB 4000MHz	8GB 4400MHz
Brand	INTEL Chipset	Channel	Model		
ASUS	INTEL Z590	Dual (2x8GB)	ROG STRIX Z590-I GAMING WIFI	--	INTEL 10 (Y)
ASUS	INTEL Z590	Dual (2x8GB)	ROG STRIX Z590-A GAMING WIFI	INTEL 10 (Y)	INTEL 10 (Y)
ASUS	INTEL Z590	Dual (2x8GB)	ROG Maximus XIII Extreme Glacial	INTEL 10 (Y)	INTEL 10 (Y)
ASUS	INTEL Z590	Dual (2x8GB)	ROG STRIX Z590-F GAMING WIFI	INTEL 10 (Y)	INTEL 10 (Y)
ASUS	INTEL Z590	Dual (2x8GB)	ROG STRIX Z590-E GAMING WIFI	INTEL 10 (Y)	INTEL 10 (Y)
ASUS	INTEL Z590	Dual (2x8GB)	ROG MAXIMUS XIII HERO	INTEL 10 (Y)	INTEL 10 (Y)
ASUS	INTEL Z490	Dual (2x8GB)	Prime Z490-A	INTEL 10 (Y)	INTEL 10 (Y)
ASUS	INTEL Z490	Dual (2x8GB)	Prime Z490-P	INTEL 10 (Y)	INTEL 10 (Y)
ASUS	INTEL Z490	Dual (2x8GB)	ROG Strix Z490-A Gaming	INTEL 10 (Y)	INTEL 10 (Y)
ASUS	INTEL Z490	Dual (2x8GB)	ROG Strix Z490-E Gaming	INTEL 10 (Y)	INTEL 10 (Y)
ASUS	INTEL Z490	Dual (2x8GB)	ROG Strix Z490-F Gaming	INTEL 10 (Y)	INTEL 10 (Y)
ASUS	INTEL Z490	Dual (2x8GB)	ROG Strix Z490-G Gaming	INTEL 10 (Y)	INTEL 10 (Y)
ASUS	INTEL Z490	Dual (2x8GB)	ROG Strix Z490-H Gaming	INTEL 10 (Y)	INTEL 10 (Y)
ASUS	INTEL Z490	Dual (2x8GB)	ROG Strix Z490-I Gaming	--	INTEL 10 (Y)
ASUS	INTEL Z490	Dual (2x8GB)	TUF Gaming Z490-Plus	INTEL 10 (Y)	INTEL 10 (Y)
ASUS	INTEL Z490	Dual (2x8GB)	TUF Gaming Z490-Plus (WI-FI)	INTEL 10 (Y)	INTEL 10 (Y)
ASUS	INTEL Z490	Dual (2x8GB)	ROG Maximus XII Hero (WI-FI)	INTEL 10 (Y)	INTEL 10 (Y)
ASUS	INTEL Z490	Dual (2x8GB)	ROG Maximus XII Formula	INTEL 10 (Y)	INTEL 10 (Y)
ASUS	INTEL Z490	Dual (2x8GB)	ROG Maximus XII Apex	--	INTEL 10 (Y)
ASUS	INTEL Z490	Dual (2x8GB)	ROG Maximus XII Extreme	INTEL 10 (Y)	INTEL 10 (Y)
ASUS	INTEL Z490	Dual (2x8GB)	ROG Maximus XII Extreme Glacial	INTEL 10 (Y)	INTEL 10 (Y)
ASUS	INTEL Z490	Dual (2x8GB)	ProArt Z490-CREATOR 10G	INTEL 10 (Y)	INTEL 10 (Y)
MSI	INTEL Z490	Dual (2x8GB)	MEG Z490 GODLIKE	INTEL 10 (Y)	INTEL 10 (Y)
MSI	INTEL Z490	Dual (2x8GB)	MEG Z490 ACE	INTEL 10 (Y)	INTEL 10 (Y)
MSI	INTEL Z490	Dual (2x8GB)	MEG Z490 UNIFY	INTEL 10 (Y)	INTEL 10 (Y)
MSI	INTEL Z490	Dual (2x8GB)	MPG Z490 GAMING CARBON WIFI	INTEL 10 (Y)	INTEL 10 (Y)
MSI	INTEL Z490	Dual (2x8GB)	MEG Z490I UNIFY	INTEL 10 (Y)	INTEL 10 (Y)
MSI	INTEL Z490	Dual (2x8GB)	MPG Z490M GAMING EDGE WIFI	INTEL 10 (Y)	INTEL 10 (Y)
MSI	INTEL Z490	Dual (2x8GB)	MPG Z490 GAMING EDGE WIFI	INTEL 10 (Y)	INTEL 10 (Y)
MSI	INTEL Z490	Dual (2x8GB)	MAG Z490 TOMAHAWK	INTEL 10 (Y)	INTEL 10 (Y)
MSI	INTEL Z490	Dual (2x8GB)	MPG Z490 GAMING PLUS	INTEL 10 (Y)	INTEL 10 (Y)
MSI	INTEL Z490	Dual (2x8GB)	Z490-A PRO	INTEL 10 (Y)	INTEL 10 (Y)
Gigabyte	INTEL B560	Dual (2x8GB)	B560I AORUS PRO AX (rev. 1.0)	INTEL 11 (Y)	--
Gigabyte	INTEL B560	Dual (2x8GB)	B560 AORUS PRO AX (rev. 1.0)	INTEL 11 (Y)	--
Gigabyte	INTEL B560	Dual (2x8GB)	B560M DS3H (rev. 1.0)	INTEL 11 (Y)	--
Gigabyte	INTEL B560	Dual (2x8GB)	B560M AORUS PRO (rev. 1.0)	INTEL 11 (Y)	INTEL 11 (Y)
Gigabyte	INTEL B560	Dual (2x8GB)	B560M AORUS PRO AX (rev. 1.0)	INTEL 11 (Y)	INTEL 11 (Y)
Gigabyte	INTEL B560	Dual (2x8GB)	B560 HD3 (rev. 1.0)	INTEL 11 (Y)	--
Gigabyte	INTEL B560	Dual (2x8GB)	B560M DS3H AC (rev. 1.0)	INTEL 11 (Y)	--
Gigabyte	INTEL B560	Dual (2x8GB)	B560M AORUS ELITE (rev. 1.0)	INTEL 11 (Y)	INTEL 11 (Y)
Gigabyte	INTEL B560	Dual (2x8GB)	B560M D3H (rev. 1.0)	INTEL 11 (Y)	INTEL 11 (Y)
Gigabyte	INTEL B560	Dual (2x8GB)	B560M D2V (rev. 1.0)	INTEL 11 (Y)	INTEL 11 (Y)
Gigabyte	INTEL Z590	Dual (2x8GB)	Z590 Aorus Xtreme (rev. 1.0)	INTEL 11 (Y)	INTEL 11 (Y)
Gigabyte	INTEL Z590	Dual (2x8GB)	Z590 Aorus Master (rev. 1.0)	INTEL 11 (Y)	INTEL 11 (Y)
Gigabyte	INTEL Z590	Dual (2x8GB)	Z590 Aorus Pro AX (rev. 1.0)	INTEL 11 (Y)	INTEL 11 (Y)
Gigabyte	INTEL Z590	Dual (2x8GB)	Z590I Aorus Ultra (rev. 1.0)	INTEL 11 (Y)	--
Gigabyte	INTEL Z590	Dual (2x8GB)	Z590 Aorus Elite AX (rev. 1.0)	INTEL 11 (Y)	INTEL 11 (Y)
Gigabyte	INTEL Z590	Dual (2x8GB)	Z590 Aorus Elite (rev. 1.0)	INTEL 11 (Y)	INTEL 11 (Y)
Gigabyte	INTEL Z590	Dual (2x8GB)	Z590 Aorus Ultra (rev. 1.0)	INTEL 11 (Y)	INTEL 11 (Y)
Gigabyte	INTEL Z590	Dual (2x8GB)	Z590 GAMING X (rev. 1.0)	INTEL 11 (Y)	INTEL 11 (Y)
Gigabyte	INTEL Z590	Dual (2x8GB)	Z590 VISION G (rev. 1.0)	INTEL 11 (Y)	INTEL 11 (Y)
Gigabyte	INTEL Z590	Dual (2x8GB)	Z590 VISION D (rev. 1.0)	INTEL 11 (Y)	INTEL 11 (Y)
Gigabyte	INTEL Z590	Dual (2x8GB)	Z590I VISION D (rev. 1.0)	INTEL 11 (Y)	--
Gigabyte	INTEL Z590	Dual (2x8GB)	Z590 UD AC (rev. 1.0)	INTEL 11 (Y)	INTEL 11 (Y)
Gigabyte	INTEL Z590	Dual (2x8GB)	Z590 UD (rev. 1.0)	INTEL 11 (Y)	INTEL 11 (Y)
Gigabyte	INTEL Z590	Dual (2x8GB)	Z590 AORUS XTREME WATERFORCE (rev. 1.0)	INTEL 11 (Y)	INTEL 11 (Y)
Gigabyte	INTEL Z590	Dual (2x8GB)	Z590M GAMING X (rev. 1.0)	INTEL 11 (Y)	INTEL 11 (Y)
Gigabyte	INTEL Z590	Dual (2x8GB)	Z590M (rev. 1.0)	INTEL 11 (Y)	INTEL 11 (Y)
Gigabyte	INTEL Z590	Dual (2x8GB)	Z590 D (rev. 1.0)	INTEL 11 (Y)	INTEL 11 (Y)



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TOUGHRAM XG RGB Support List				8GB 4000MHz	8GB 4400MHz
Brand	AMD Chipset	Channel	Model		
MSI	AMD B550 Vermeer/Renoir/Matisse	Dual (2x8GB)	MPG B550 GAMING CARBON WIFI	5000 (Y)	5000 (Y)
				4000 (-)	4000 (-)
				3000 (Y)	3000 (Y)
MSI	AMD B550 Vermeer/Renoir/Matisse	Dual (2x8GB)	MPG B550 GAMING EDGE WIFI	5000 (Y)	5000 (Y)
				4000 (-)	4000 (-)
				3000 (Y)	3000 (Y)
MSI	AMD B550 Vermeer/Renoir/Matisse	Dual (2x8GB)	MAG B550 TOMAHAWK	5000 (Y)	5000 (Y)
				4000 (-)	4000 (-)
				3000 (Y)	3000 (Y)
MSI	AMD B550 Vermeer/Renoir/Matisse	Dual (2x8GB)	MPG B550I GAMING EDGE WIFI	5000 (Y)	5000 (Y)
				4000 (-)	4000 (-)
				3000 (-)	3000 (-)
Gigabyte	AMD X570 Vermeer/Renoir/Matisse	Dual (2x8GB)	X570 AORUS PRO WIFI (rev. 1.0)	5000 (Y)	5000 (Y)
Gigabyte	AMD X570 Vermeer/Renoir/Matisse	Dual (2x8GB)	X570 AORUS PRO (rev.1.0)	5000 (Y)	5000 (Y)
Gigabyte	AMD X570 Vermeer/Renoir/Matisse	Dual (2x8GB)	X570 I AORUS PRO WIFI (rev. 1.0)	5000 (Y)	5000 (Y)
Gigabyte	AMD X570 Vermeer/Renoir/Matisse	Dual (2x8GB)	X570 AORUS XTREME (rev. 1.1)	5000 (Y)	5000 (Y)
Gigabyte	AMD X570 Vermeer/Renoir/Matisse	Dual (2x8GB)	X570 AORUS MASTER (rev. 1.1/1.2)	5000 (Y)	5000 (Y)
Gigabyte	AMD X570 Vermeer/Renoir/Matisse	Dual (2x8GB)	X570 AORUS ULTRA (rev. 1.1/1.2)	5000 (Y)	5000 (Y)
Gigabyte	AMD X570 Vermeer/Renoir/Matisse	Dual (2x8GB)	X570 AORUS PRO WIFI (rev. 1.1/1.2)	5000 (Y)	5000 (Y)
Gigabyte	AMD X570 Vermeer/Renoir/Matisse	Dual (2x8GB)	X570 AORUS PRO (rev.1.1/1.2)	5000 (Y)	5000 (Y)
Gigabyte	AMD X570 Vermeer/Renoir/Matisse	Dual (2x8GB)	X570 AORUS XTREME (rev. 1.2)	5000 (Y)	5000 (Y)
Gigabyte	AMD B550 Vermeer/Renoir/Matisse	Dual (2x8GB)	B550 AORUS MASTER (rev. 1.0)	5000 (Y)	5000 (Y)
Gigabyte	AMD B550 Vermeer/Renoir/Matisse	Dual (2x8GB)	B550 AORUS PRO AC (rev. 1.x)	5000 (Y)	5000 (Y)
Gigabyte	AMD B550 Vermeer/Renoir/Matisse	Dual (2x8GB)	B550 VISION D (rev.1.0)	5000 (Y)	5000 (Y)
Gigabyte	AMD B550 Vermeer/Renoir/Matisse	Dual (2x8GB)	B550 AORUS PRO AX (rev. 1.0)	5000 (Y)	5000 (Y)
Gigabyte	AMD B550 Vermeer/Renoir/Matisse	Dual (2x8GB)	B550 AORUS PRO (rev. 1.0)	5000 (Y)	5000 (Y)
Gigabyte	AMD B550 Vermeer/Renoir/Matisse	Dual (2x8GB)	B550 AORUS PRO V2 (rev. 1.0)	5000 (Y)	5000 (Y)
Gigabyte	AMD B550 Vermeer/Renoir/Matisse	Dual (2x8GB)	B550I AORUS PRO AX (rev.1.0)	5000 (Y)	5000 (Y)
Gigabyte	AMD B550 Vermeer/Renoir/Matisse	Dual (2x8GB)	B550 VISION D-P (rev. 1.0)	5000 (Y)	5000 (Y)
Gigabyte	AMD A520 Vermeer/Renoir/Matisse	Dual (2x8GB)	A520I AC (rev. 1.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.