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TOUGHRAM RC DDR5 Support List				16GBx2 DDR5 4800MT/s	16GBx2 DDR5 5200MT/s	16GBx2 DDR5 5600MT/s
Brand	**INTEL Chipset**	**Channel**	**Model**			
ASUS	Intel Z690	Dual (2x16|32GB)	TUF GAMING Z690-PLUS	INTEL 12 (Y)	INTEL 12 (Y)	INTEL 12 (Y)
ASUS	Intel Z690	Dual (2x16|32GB)	TUF GAMING Z690-PLUS WIFI	INTEL 12 (Y)	INTEL 12 (Y)	INTEL 12 (Y)
ASUS	Intel Z690	Dual (2x16|32GB)	PRIME Z690-A-CSM	INTEL 12 (Y)	INTEL 12 (Y)	INTEL 12 (Y)
ASUS	Intel Z690	Dual (2x16|32GB)	ROG MAXIMUS Z690 FORMULA	INTEL 12 (Y)	INTEL 12 (Y)	INTEL 12 (Y)
ASUS	Intel Z690	Dual (2x16|32GB)	ROG MAXIMUS Z690 APEX	INTEL 12 (Y)	INTEL 12 (Y)	INTEL 12 (Y)
ASUS	Intel Z690	Dual (2x16|32GB)	ROG STRIX Z690-E GAMING WIFI	INTEL 12 (Y)	INTEL 12 (Y)	INTEL 12 (Y)
ASUS	Intel Z690	Dual (2x16|32GB)	ROG STRIX Z690-G GAMING WIFI	INTEL 12 (Y)	INTEL 12 (Y)	INTEL 12 (Y)
ASUS	Intel Z690	Dual (2x16|32GB)	ROG STRIX Z690-F GAMING WIFI	INTEL 12 (Y)	INTEL 12 (Y)	INTEL 12 (Y)
ASUS	Intel Z690	Dual (2x16|32GB)	ROG MAXIMUS Z690 EXTREME	INTEL 12 (Y)	INTEL 12 (Y)	INTEL 12 (Y)
ASUS	Intel Z690	Dual (2x16|32GB)	ROG MAXIMUS Z690 EXTREME GLACIAL	INTEL 12 (Y)	INTEL 12 (Y)	INTEL 12 (Y)
ASUS	Intel Z690	Dual (2x16|32GB)	ROG MAXIMUS Z690 HERO	INTEL 12 (Y)	INTEL 12 (Y)	INTEL 12 (Y)
ASUS	Intel Z690	Dual (2x16|32GB)	ProArt Z690-CREATOR WIFI	INTEL 12 (Y)	INTEL 12 (Y)	INTEL 12 (Y)
ASUS	Intel Z690	Dual (2x16|32GB)	ROG STRIX Z690-I GAMING WIFI	INTEL 12 (Y)	INTEL 12 (Y)	INTEL 12 (Y)
TOUGHRAM RC DDR5 Support List				**16GBx2 DDR5 4800MT/s**	**16GBx2 DDR5 5200MT/s**	**16GBx2 DDR5 5600MT/s**
Brand	**INTEL Chipset**	**Channel**	**Model**			
MSI	Intel Z690	Dual (2x16|32GB)	MEG Z690 GODLIKE	INTEL 12 (Y)	INTEL 12 (Y)	INTEL 12 (Y)
MSI	Intel Z690	Dual (2x16|32GB)	MAG Z690M MORTAR WIFI	INTEL 12 (Y)	INTEL 12 (Y)	INTEL 12 (Y)
MSI	Intel Z690	Dual (2x16|32GB)	MPG Z690 EDGE WIFI	INTEL 12 (Y)	INTEL 12 (Y)	INTEL 12 (Y)
MSI	Intel Z690	Dual (2x16|32GB)	MEG Z690I UNIFY	INTEL 12 (Y)	INTEL 12 (Y)	INTEL 12 (Y)
MSI	Intel Z690	Dual (2x16|32GB)	MEG Z690 UNIFY	INTEL 12 (Y)	INTEL 12 (Y)	INTEL 12 (Y)
MSI	Intel Z690	Dual (2x16|32GB)	PRO Z690-A	INTEL 12 (Y)	INTEL 12 (Y)	INTEL 12 (Y)
MSI	Intel Z690	Dual (2x16|32GB)	MPG Z690 FORCE WIFI	INTEL 12 (Y)	INTEL 12 (Y)	INTEL 12 (Y)
MSI	Intel Z690	Dual (2x16|32GB)	MPG Z690 CARBON WIFI	INTEL 12 (Y)	INTEL 12 (Y)	INTEL 12 (Y)
MSI	Intel Z690	Dual (2x16|32GB)	PRO Z690-A WIFI	INTEL 12 (Y)	INTEL 12 (Y)	INTEL 12 (Y)
MSI	Intel Z690	Dual (2x16|32GB)	MEG Z690 UNIFY-X	INTEL 12 (Y)	INTEL 12 (Y)	INTEL 12 (Y)
MSI	Intel Z690	Dual (2x16|32GB)	MAG Z690 TOMAHAWK WIFI	INTEL 12 (Y)	INTEL 12 (Y)	INTEL 12 (Y)
MSI	Intel Z690	Dual (2x16|32GB)	MEG Z690 ACE	INTEL 12 (Y)	INTEL 12 (Y)	INTEL 12 (Y)
MSI	Intel Z690	Dual (2x16|32GB)	MAG Z690 TORPEDO	INTEL 12 (Y)	INTEL 12 (Y)	INTEL 12 (Y)
MSI	Intel B660	Dual (2x16|32GB)	PRO B660M-A WIFI	INTEL 12 (Y)	INTEL 12 (Y)	INTEL 12 (Y)
MSI	Intel B660	Dual (2x16|32GB)	PRO B660M-A	INTEL 12 (Y)	INTEL 12 (Y)	INTEL 12 (Y)
MSI	Intel B660	Dual (2x16|32GB)	MAG B660M MORTAR	INTEL 12 (Y)	INTEL 12 (Y)	INTEL 12 (Y)
MSI	Intel B660	Dual (2x16|32GB)	MAG B660 TOMAHAWK WIFI	INTEL 12 (Y)	INTEL 12 (Y)	INTEL 12 (Y)
MSI	Intel B660	Dual (2x16|32GB)	MEG Z690 ACE	INTEL 12 (Y)	INTEL 12 (Y)	INTEL 12 (Y)
MSI	Intel B660	Dual (2x16|32GB)	MAG Z690 TORPEDO	INTEL 12 (Y)	INTEL 12 (Y)	INTEL 12 (Y)
TOUGHRAM RC DDR5 Support List				**16GBx2 DDR5 4800MT/s**	**16GBx2 DDR5 5200MT/s**	**16GBx2 DDR5 5600MT/s**
Brand	**INTEL Chipset**	**Channel**	**Model**			
GIGABYTE	Intel Z690	Dual (2x16|32GB)	Z690 AORUS XTREME (rev. 1.0)	INTEL 12 (Y)	INTEL 12 (Y)	INTEL 12 (Y)
GIGABYTE	Intel Z690	Dual (2x16|32GB)	Z690 AORUS MASTER (rev. 1.x)	INTEL 12 (Y)	INTEL 12 (Y)	INTEL 12 (Y)
GIGABYTE	Intel Z690	Dual (2x16|32GB)	Z690 AORUS ULTRA (rev. 1.x)	INTEL 12 (Y)	INTEL 12 (Y)	INTEL 12 (Y)

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TOUGHRAM RC DDR5 Support List				16GBx2 DDR5 4800MT/s	16GBx2 DDR5 5200MT/s	16GBx2 DDR5 5600MT/s
Brand	**INTEL Chipset**	**Channel**	**Model**			
GIGABYTE	Intel Z690	Dual (2x16|32GB)	Z690I AORUS ULTRA (rev. 1.0)	INTEL 12 (Y)	--	--
GIGABYTE	Intel Z690	Dual (2x16|32GB)	Z690 AERO G (rev. 1.x)	INTEL 12 (Y)	INTEL 12 (Y)	INTEL 12 (Y)
GIGABYTE	Intel Z690	Dual (2x16|32GB)	Z690 AERO D (rev. 1.x)	INTEL 12 (Y)	INTEL 12 (Y)	INTEL 12 (Y)
GIGABYTE	Intel Z690	Dual (2x16|32GB)	Z690 AORUS ELITE (rev. 1.0)	INTEL 12 (Y)	INTEL 12 (Y)	INTEL 12 (Y)
GIGABYTE	Intel Z690	Dual (2x16|32GB)	Z690 AORUS ELITE AX (rev. 1.x)	INTEL 12 (Y)	INTEL 12 (Y)	INTEL 12 (Y)
GIGABYTE	Intel Z690	Dual (2x16|32GB)	Z690 UD (rev. 1.0)	INTEL 12 (Y)	INTEL 12 (Y)	INTEL 12 (Y)
TOUGHRAM RC DDR5 Support List				**16GBx2 DDR5 4800MT/s**	**16GBx2 DDR5 5200MT/s**	**16GBx2 DDR5 5600MT/s**
Brand	**INTEL Chipset**	**Channel**	**Model**			
ASROCK	Intel Z690	Dual (2x16|32GB)	Z690 AQUA OC	INTEL 12 (Y)	INTEL 12 (Y)	INTEL 12 (Y)
ASROCK	Intel Z690	Dual (2x16|32GB)	Z690 AQUA	INTEL 12 (Y)	INTEL 12 (Y)	INTEL 12 (Y)
ASROCK	Intel Z690	Dual (2x16|32GB)	Z690 Taichi Razer Edition	INTEL 12 (Y)	--	--
ASROCK	Intel Z690	Dual (2x16|32GB)	Z690 Taichi	INTEL 12 (Y)	INTEL 12 (Y)	INTEL 12 (Y)
ASROCK	Intel Z690	Dual (2x16|32GB)	Z690 Steel Legend WiFi 6E/D5	INTEL 12 (Y)	INTEL 12 (Y)	INTEL 12 (Y)
ASROCK	Intel Z690	Dual (2x16|32GB)	Z690 Steel Legend/D5	INTEL 12 (Y)	INTEL 12 (Y)	INTEL 12 (Y)
ASROCK	Intel Z690	Dual (2x16|32GB)	Z690 PG Velocita	INTEL 12 (Y)	INTEL 12 (Y)	INTEL 12 (Y)
ASROCK	Intel Z690	Dual (2x16|32GB)	Z690 Phantom Gaming 4/D5	INTEL 12 (Y)	--	--
ASROCK	Intel Z690	Dual (2x16|32GB)	Z690 Phantom Gaming-ITX/TB4	INTEL 12 (Y)	--	--
ASROCK	Intel Z690	Dual (2x16|32GB)	Z690M PG Riptide/D5	INTEL 12 (Y)	INTEL 12 (Y)	INTEL 12 (Y)
ASROCK	Intel B660	Dual (2x16|32GB)	B660M Pro RS/D5	INTEL 12 (Y)	INTEL 12 (Y)	INTEL 12 (Y)
TOUGHRAM RC DDR5 Support List				**16GBx2 DDR5 4800MT/s**	**16GBx2 DDR5 5200MT/s**	**16GBx2 DDR5 5600MT/s**
Brand	**AMD Chipset**	**Channel**	**Model**			
ASUS	AMD X670 Raphael	Dual (2x16|32GB)	PRIME X670E-PRO WIFI-CSM	--	7000 (Y)	7000 (Y)
ASUS	AMD X670 Raphael	Dual (2x16|32GB)	ProArt X670E-CREATOR WIFI	7000 (Y)	7000 (Y)	7000 (Y)
ASUS	AMD X670 Raphael	Dual (2x16|32GB)	TUF GAMING X670E-PLUS WIFI	--	7000 (Y)	7000 (Y)
ASUS	AMD X670 Raphael	Dual (2x16|32GB)	TUF GAMING X670E-PLUS	--	7000 (Y)	7000 (Y)
ASUS	AMD X670 Raphael	Dual (2x16|32GB)	PRIME X670-P	--	7000 (Y)	7000 (Y)
ASUS	AMD X670 Raphael	Dual (2x16|32GB)	PRIME X670-P WIFI	--	7000 (Y)	7000 (Y)
ASUS	AMD X670 Raphael	Dual (2x16|32GB)	ROG STRIX X670E-I GAMING WIFI	--	7000 (Y)	7000 (Y)
ASUS	AMD X670 Raphael	Dual (2x16|32GB)	ROG CROSSHAIR X670E HERO	7000 (Y)	7000 (Y)	7000 (Y)
ASUS	AMD X670 Raphael	Dual (2x16|32GB)	ROG STRIX X670E-A GAMING WIFI	7000 (Y)	7000 (Y)	7000 (Y)
ASUS	AMD X670 Raphael	Dual (2x16|32GB)	ROG STRIX X670E-F GAMING WIFI	7000 (Y)	7000 (Y)	7000 (Y)
ASUS	AMD X670 Raphael	Dual (2x16|32GB)	ROG STRIX X670E-E GAMING WIFI	7000 (Y)	7000 (Y)	7000 (Y)
ASUS	AMD X670 Raphael	Dual (2x16|32GB)	ROG CROSSHAIR X670E GENE	7000 (Y)	7000 (Y)	7000 (Y)
ASUS	AMD X670 Raphael	Dual (2x16|32GB)	ROG CROSSHAIR X670E EXTREME	7000 (Y)	7000 (Y)	7000 (Y)
TOUGHRAM RC DDR5 Support List				**16GBx2 DDR5 4800MT/s**	**16GBx2 DDR5 5200MT/s**	**16GBx2 DDR5 5600MT/s**
Brand	**AMD Chipset**	**Channel**	**Model**			
MSI	AMD X670 Raphael	Dual (2x16|32GB)	MEG X670E ACE	--	7000 (Y)	7000 (Y)
MSI	AMD X670 Raphael	Dual (2x16|32GB)	MEG X670E GODLIKE	--	7000 (Y)	7000 (Y)
MSI	AMD X670 Raphael	Dual (2x16|32GB)	PRO X670-P WIFI	--	7000 (Y)	7000 (Y)
MSI	AMD X670 Raphael	Dual (2x16|32GB)	MPG X670E CARBON WIFI	--	7000 (Y)	7000 (Y)

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TOUGHRAM RC DDR5 Support List				16GBx2 DDR5 4800MT/s	16GBx2 DDR5 5200MT/s	16GBx2 DDR5 5600MT/s
Brand	**AMD Chipset**	**Channel**	**Model**			
GIGABYTE	AMD X670 Raphael	Dual (2x16|32GB)	X670E AORUS XTREME (rev. 1.0)	7000 (Y)	7000 (Y)	7000 (Y)
GIGABYTE	AMD X670 Raphael	Dual (2x16|32GB)	X670E AORUS MASTER (rev. 1.0)	7000 (Y)	7000 (Y)	7000 (Y)
GIGABYTE	AMD X670 Raphael	Dual (2x16|32GB)	X670 AORUS ELITE AX (rev. 1.0)	7000 (Y)	7000 (Y)	7000 (Y)
GIGABYTE	AMD X670 Raphael	Dual (2x16|32GB)	X670 GAMING X AX (rev. 1.0)	7000 (Y)	7000 (Y)	7000 (Y)
GIGABYTE	AMD B650 Raphael	Dual (2x16|32GB)	B650E AORUS MASTER (rev. 1.0)	7000 (Y)	7000 (Y)	7000 (Y)
GIGABYTE	AMD B650 Raphael	Dual (2x16|32GB)	B650 AORUS ELITE AX (rev. 1.x)	7000 (Y)	7000 (Y)	7000 (Y)
GIGABYTE	AMD B650 Raphael	Dual (2x16|32GB)	B650 AORUS ELITE (rev. 1.0)	7000 (Y)	7000 (Y)	7000 (Y)
GIGABYTE	AMD B650 Raphael	Dual (2x16|32GB)	B650 AORUS PRO AX (rev. 1.x)	7000 (Y)	7000 (Y)	7000 (Y)
GIGABYTE	AMD B650 Raphael	Dual (2x16|32GB)	B650M AORUS ELITE (rev. 1.0)	7000 (Y)	7000 (Y)	7000 (Y)
GIGABYTE	AMD B650 Raphael	Dual (2x16|32GB)	B650M AORUS PRO AX (rev. 1.x)	7000 (Y)	7000 (Y)	7000 (Y)
GIGABYTE	AMD B650 Raphael	Dual (2x16|32GB)	B650M AORUS ELITE AX (rev. 1.x)	7000 (Y)	7000 (Y)	7000 (Y)
GIGABYTE	AMD B650 Raphael	Dual (2x16|32GB)	B650 AERO G (rev. 1.0)	7000 (Y)	7000 (Y)	7000 (Y)
TOUGHRAM RC DDR5 Support List				**16GBx2 DDR5 4800MT/s**	**16GBx2 DDR5 5200MT/s**	**16GBx2 DDR5 5600MT/s**
Brand	**AMD Chipset**	**Channel**	**Model**			
ASROCK	AMD X670 Raphael	Dual (2x16|32GB)	X670E Taichi Carrara	7000 (Y)	7000 (Y)	7000 (Y)
ASROCK	AMD X670 Raphael	Dual (2x16|32GB)	X670E Taichi	7000 (Y)	7000 (Y)	7000 (Y)
ASROCK	AMD X670 Raphael	Dual (2x16|32GB)	X670E Steel Legend	7000 (Y)	--	--
ASROCK	AMD X670 Raphael	Dual (2x16|32GB)	X670E Pro RS	--	--	--
ASROCK	AMD X670 Raphael	Dual (2x16|32GB)	X670E PG Lightning	--	7000 (Y)	7000 (Y)
ASROCK	AMD B650 Raphael	Dual (2x16|32GB)	B650E Taichi	7000 (Y)	7000 (Y)	7000 (Y)
ASROCK	AMD B650 Raphael	Dual (2x16|32GB)	B650E Steel Legend WiFi	7000 (Y)	--	--
ASROCK	AMD B650 Raphael	Dual (2x16|32GB)	B650E PG Riptide WiFi	7000 (Y)	7000 (Y)	--
ASROCK	AMD B650 Raphael	Dual (2x16|32GB)	B650E PG-ITX WiFi	7000 (Y)	7000 (Y)	7000 (Y)
ASROCK	AMD B650 Raphael	Dual (2x16|32GB)	B650 Pro RS	--	--	--
ASROCK	AMD B650 Raphael	Dual (2x16|32GB)	B650 PG Lightning	--	7000 (Y)	7000 (Y)
ASROCK	AMD B650 Raphael	Dual (2x16|32GB)	B650M PG Riptide WiFi	7000 (Y)	7000 (Y)	7000 (Y)
ASROCK	AMD B650 Raphael	Dual (2x16|32GB)	B650M PG Riptide	7000 (Y)	7000 (Y)	7000 (Y)

Supports Intel® Extreme Memory Profile (XMP 3.0 suppport 4800MT/s up ; 4800MT/s is default)

* Please refer to your motherboard's specification page for more details.
* The maximum memory frequency supported varies by processor.

Support AMD Ryzen™ 7000-Series CPU

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