





KINGSTON FURY COMPARISON TABLE - MEMORY



	<i>Beast DDR3</i>	<i>Beast DDR4</i>	<i>Beast DDR4 RGB</i>	<i>Beast DDR4 RGB SE</i>	<i>Beast DDR5</i>	<i>Beast DDR5 RGB</i>	<i>Renegade DDR4</i>	<i>Renegade DDR4 RGB</i>	<i>Renegade DDR5</i>	<i>Renegade DDR5 RGB</i>
<i>Form Factor</i>	UDIMM	UDIMM	UDIMM	UDIMM	UDIMM	UDIMM	UDIMM	UDIMM	UDIMM	UDIMM
<i>XMP Ready</i>	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<i>Plug N Play ¹</i>	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes
<i>Speeds ²</i>	1600MT/s, 1866MT/s	2666MT/s, 3000MT/s, 3200MT/s, 3600MT/s, 3733MT/s	2666MT/s, 3000MT/s, 3200MT/s, 3600MT/s, 3733MT/s	3200MT/s, 3600MT/s	4800MT/s, 5200MT/s, 5600MT/s, 6000MT/s	4800MT/s, 5200MT/s, 5600MT/s, 6000MT/s	2400MT/s, 2666MT/s, 3000MT/s, 3200MT/s, 3600MT/s, 4000MT/s, 4266MT/s, 4600MT/s, 4800MT/s, 5000MT/s, 5133MT/s, 5333MT/s	3000MT/s, 3200MT/s, 3600MT/s, 4000MT/s, 4266MT/s, 4600MT/s	6000MT/s, 6400MT/s, 6800MT/s, 7200MT/s	6000MT/s, 6400MT/s, 6800MT/s, 7200MT/s
<i>CAS Latencies</i>	10	15, 16, 17, 18, 19	15, 16, 17, 18, 19	16, 17, 18	CL36, CL38, CL40	CL36, CL38, CL40	13, 15, 16, 18, 19, 20	15, 16, 18, 19	CL32, CL36, CL38	CL32, CL36, CL38
<i>Operating Temperature</i>	0° C to +85°	0°C to 85°C	0°C to 70°C	0°C to 85°C	0°C to 85°C	0°C to 85°C	0°C to 85°C	0°C to 70°C	0°C to 85°C	0°C to 85°C
<i>Voltages</i>	1.5V	1.2V, 1.35V	1.2V, 1.35V	1.35V	1.1V, 1.25V, 1.35V	1.1V, 1.25V, 1.35V	1.35V, 1.4V, 1.5V	1.35V, 1.4V, 1.5V	1.35V, 1.4V, 1.45V	1.35V, 1.4V, 1.45V
<i>Module Capacities</i>	4GB, 8GB	4GB, 8GB, 16GB, 32GB	8GB, 16GB, 32GB	8GB, 16GB	8GB, 16GB, 32GB	8GB, 16GB, 32GB	8GB, 16GB, 32GB	8GB, 16GB, 32GB	16GB, 32GB	16GB, 32GB
<i>Kit Capacities</i>	8GB, 16GB	8GB, 16GB, 32GB, 64GB, 128GB	16GB, 32GB, 64GB, 128GB	16GB, 32GB	16GB, 32GB, 64GB	16GB, 32GB, 64GB	16GB, 32GB, 64GB, 128GB, 256GB	16GB, 32GB, 64GB, 128GB, 256GB	32GB, 64GB	32GB, 64GB
<i>Single Modules</i>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<i>Dual Channel Kits</i>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<i>Quad Channel Kits</i>	No	Yes	Yes	No	No	No	Yes	Yes	No	No
<i>PCB Colour</i>	Black	Black	Black	Black	Black	Black	Black	Black	Black	Black
<i>Heat Spreader Colours</i>	Blue, black, red	Black	Black	White	Black, White	Black, White	Black	Black	Black, White	Black, White
<i>Height</i>	32.8mm	34.1mm	41.24mm	44.8 mm	34.9mm	42.23mm	42.2mm	42.2mm	39.2mm	44mm
<i>Warranty</i>	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime

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	Impact DDR3	Impact DDR4	Impact DDR5	Renegade Pro DDR5 RDIMM
				
Form Factor	SODIMM	SODIMM	SODIMM	RDIMM
XMP Ready	No	Yes	Yes	Yes
Plug N Play ¹	Yes	Yes	Yes	Yes
Speeds ²	1600MT/s, 1866MT/s	2666MT/s, 2933MT/s, 3200MT/s	4800 MT/s, 5600 MT/s, 6000 MT/s, 6400MT/s	4800MT/s, 5600MT/s, 6000MT/s
CAS Latencies	9, 11	15, 16, 17, 20	CL38, CL40	CL32, CL36
Operating Temperature	0°C to 85°C	0°C to 85°C	0°C to 85°C	0°C to +95°C
Voltages	1.35V, 1.5V	1.2V	1.1V, 1.35V	1.1V, 1.25V, 1.35V
Module Capacities	4GB, 8GB	8GB, 16GB, 32GB	8GB, 16GB, 32GB	16GB, 32GB
Kit Capacities	8GB, 16GB	8GB, 16GB, 32GB, 64GB	16GB, 32GB, 64GB	16GB, 32GB, 64GB, 128GB, 256GB
Single Modules	Yes	Yes	Yes	Yes
Dual Channel Kits	Yes	Yes	Yes	No
Quad Channel Kits	No	No	No	Yes
PCB Colour	Black	Black	Black	Black
Heat Spreader Colours	Black	Black	Black	Black
Height	30mm	30mm	30mm	31.25mm
Warranty	Lifetime	Lifetime	Lifetime	Lifetime

THIS DOCUMENT SUBJECT TO CHANGE WITHOUT NOTICE.
Information correct at time of print (December 2022).

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- Kingston FURY Plug N Play memory will run in DDR3/DDR4/DDR5 systems up to the speed allowed by the manufacturer's system BIOS. PnP cannot increase the system memory speed faster than is allowed by the manufacturer's BIOS. Kingston FURY Plug N Play DDR3/DDR4/DDR5 products support XMP 3.0 specifications so overclocking can also be achieved by enabling the built-in XMP Profile.
- [Learn more](#) about megatransfers per second - MT/s denotes megatransfers (million transfers) per second and represents the effective data rate (speed) of DDR (Double Data Rate) SDRAM memory in computing. A DDR SDRAM memory module transfers data on the rise and fall of every clock cycle (1 Hz).
Ex: DDR4-3200 (PC4-3200)
Clock Rate: 1600MHz
Data Rate: 3200MT/s
Bandwidth: 25,600 MB/s (25.6 GB/s)