

Micron[®] DRAM Memory Support for AMD[®] Embedded Platforms

Save yourself time and money—Micron memory comes **validated** on AMD embedded platforms

	Form Factor	Density	DRAM Speed
AMD Ryzen™ Processor			
Ryzen Embedded SoC — V3000 Series	SODIMM	8GB, 16GB, 32GB	DDR5 up to 4800
	SODIMM	48GB	DDR5 up to 5600
	ECC SODIMM	16GB	DDR5 up to 4800
Ryzen Embedded SoC — V2000 Series	SODIMM	4GB, 8GB, 16GB, 32GB	DDR4-2666 up to 3200
	ECC SODIMM	4GB, 8GB, 16GB	DDR4-2666 up to 3200
	UDIMM	8GB	DDR4-2666
Ryzen Embedded SoC — V1000 Series	UDIMM	4GB, 8GB, 16GB	DDR4-2400 up to 3200
	ECC UDIMM	8GB, 16GB	DDR4-2400 up to 3200
	FBGA (memory down)	8Gb*	DDR4-2400 up to 3200
Ryzen Embedded SoC —R2000 Series	UDIMM	4GB, 8GB, 32GB	DDR4-2400 up to 3200
	ECC UDIMM	16GB, 32GB	DDR4-2400 up to 3200
Ryzen Embedded SoC —R1000 Series	SODIMM	4GB, 8GB, 16GB	DDR4-2400
	UDIMM	8GB	DDR4-2400 up to 3200
	ECC UDIMM	4GB, 8GB, 16GB	DDR4-2133 up to 3200
	FBGA (memory down)	8Gb*	DDR4-2400
AMD Embedded R-Series			
R-Series SoC	SODIMM	2GB, 4GB, 8GB, 16GB	DDR4-2133 to 2400
	FBGA (memory down)	8Gb*	DDR4-2133
2nd Gen R-Series APU	SODIMM/ECC SODIMM	2GB, 4GB, 8GB	DDR3-1866
	FBGA (memory down)	2Gb*, 4Gb*	DDR3-1600 to 2133
AMD Embedded G-Series			
G-Series I Family SoC	SODIMM/ECC SODIMM	4GB, 8GB, 16GB	DDR4 up to 1600
	FBGA (memory down)	8Gb*	DDR4 up to 1600
G-Series J Family SoC	SODIMM/ECC SODIMM	2GB, 4GB, 8GB, 16GB	DDR4 up to 2133
	FBGA (memory down)	8Gb*	DDR4 up to 2133
G-Series JX Family SoC	SODIMM/ECC SODIMM	2GB, 4GB, 8GB, 16GB	DDR4 up to 1866
	FBGA (memory down)	8Gb*	DDR4 up to 1866
G-Series LX SoC	SODIMM/ECC SODIMM	2GB, 4GB, 8GB	DDR3-1600
	FBGA (memory down)	2Gb*, 4Gb*	DDR3-1600

Please verify exact configuration and specification with your AMD or Micron representative.

* These devices have lifecycles supported for 5 to 10+ years. For more details, go to www.micron.com/lifecycle or contact your Micron representative.