

N7 B650E

AMD CPU Support List

Last Updated

11/25/2024

Socket	Family	Processor Number	Core	Frequency	L2 Cache	L3 Cache	Power	Validated BIOS	Bootable since BIOS
AM5	Ryzen 9	9900X (100-000000662-00)	Granite Ridge	4.4GHz	12MB	64MB	120W	3.01	3.01
AM5	Ryzen 9	9950X (100-000001277-60)	Granite Ridge	4.3GHz	16MB	64MB	170W	3.01	3.01
AM5	Ryzen 7	9800X3D(100-000001084)	Granite Ridge	4.7GHz	8MB	96MB	120W	3.08	3.01
AM5	Ryzen 7	9700X (100-000001404-00)	Granite Ridge	3.8GHz	8MB	32MB	65W	3.01	3.01
AM5	Ryzen 5	9600X (100-000001405-10)	Granite Ridge	3.9GHz	6MB	32MB	65W	3.01	3.01
AM5	Ryzen 5	8600G (100-000001237)	Phoenix	4.3GHz	6MB	16MB	65W	2.02	2.02
AM5	Ryzen 7	8700G (100-000001236)	Phoenix	4.2GHz	8MB	16MB	65W	2.02	2.02
AM5	Ryzen 3 PRO	PRO 8300G(100-000001287)	Phoenix	3.45GHz	4MB	8MB	65W/45W	2.02	2.02
AM5	Ryzen 5 PRO	PRO 8500G(100-000001183)	Phoenix	3.55GHz	6MB	16MB	65W/45W	2.02	2.02
AM5	Ryzen 3	8300G(100-000001186)	Phoenix	3.45GHz	4MB	8MB	65W/45W	2.02	2.02
AM5	Ryzen 5	8500G(100-000000931)	Phoenix	3.5GHz	6MB	16MB	65W/45W	2.02	2.02
AM5	Ryzen 5 PRO	PRO 8600G(100-000001239)	Phoenix	4.35GHz	6MB	16MB	65W/45W	2.02	2.02
AM5	Ryzen 3	8300GE(100-000001188)	Phoenix	3.5GHz	4MB	8MB	35W	2.02	2.02
AM5	Ryzen 5	8500GE(100-000001184)	Phoenix	3.4GHz	6MB	16MB	35W	2.02	2.02
AM5	Ryzen 7 PRO	PRO 8700G(100-000001238)	Phoenix	4.2GHz	8MB	16MB	65W/45W	2.02	2.02
AM5	Ryzen 3 PRO	PRO 8300GE(100-000001189)	Phoenix	3.5GHz	4MB	8MB	35W	2.02	2.02
AM5	Ryzen 5 PRO	PRO 8500GE(100-000001185)	Phoenix	3.4GHz	6MB	16MB	35W	2.02	2.02
AM5	Ryzen 7 PRO	PRO 8700GE(100-000001240)	Phoenix	3.65GHz	8MB	16MB	35W	2.02	2.02
AM5	Ryzen 5 PRO	PRO 8600GE(100-000001241)	Phoenix	3.9GHz	6MB	16MB	35W	2.02	2.02
AM5	Ryzen 7	8700F(100-000001590)	Phoenix	4.1GHz	8MB	16MB	65W/45W	2.02	2.02
AM5	Ryzen 5	8400F(100-000001591)	Phoenix	4.2GHz	6MB	16MB	65W/45W	2.02	2.02
AM5	Ryzen 9	7950X3D(100-000000908)	Raphael	4.2GHz	16MB	128MB	120W	1.12	1.12
AM5	Ryzen 9	7900X3D(100-000000909)	Raphael	4.4GHz	12MB	128MB	120W	1.12	1.12
AM5	Ryzen 9	7950X(100-000000514-00)	Raphael	4.5GHz	16MB	64MB	170W	1.12	1.12
AM5	Ryzen 9	7900X(100-000000589-00)	Raphael	4.7GHz	12MB	64MB	170W	1.12	1.12
AM5	Ryzen 9	7900(100-000000590)	Raphael	3.7GHz	12MB	64MB	65W	1.12	1.12
AM5	Ryzen 7	7800X3D(100-000000910)	Raphael	4.2GHz	8MB	96MB	120W	1.12	1.12
AM5	Ryzen 7	7700X(100-000000591-00)	Raphael	4.5GHz	8MB	32MB	105W	1.12	1.12
AM5	Ryzen 7	7700(100-000000592)	Raphael	3.8GHz	8MB	32MB	65W	1.12	1.12
AM5	Ryzen 5	7600X(100-000000593-00)	Raphael	4.7GHz	8MB	32MB	105W	1.12	1.12
AM5	Ryzen 5	7600(100-000001015)	Raphael	3.8GHz	6MB	32MB	65W	1.12	1.12
AM5	Ryzen 5	7500F(100-000000597)	Raphael	3.7GHz	6MB	32MB	65W	1.12	1.12
AM5	Ryzen 9	Pro 7945(100-000000598)	Raphael	3.7GHz	12MB	64MB	65W	1.12	1.12
AM5	Ryzen 7	Pro 7745(100-000000599)	Raphael	3.8GHz	8MB	32MB	65W	1.12	1.12
AM5	Ryzen 5	Pro 7645(100-000000600)	Raphael	3.8GHz	6MB	32MB	65W	1.12	1.12