

## N7 B850

## AMD CPU Support List

Last Updated

09/12/2025

Socket	Family	Model	Power	Core	Frequency	L2 Cache	L3 Cache	CPU Rev.	Validated BIOS	Bootable since BIOS
AM5	Ryzen 9	9950X(100-000001277)	170W	Granite Ridge	4.3GHz	16MB	64MB		1.00	1.00
AM5	Ryzen 9	9950X3D(100-000000719)	170W	Granite Ridge	4.3GHz	16MB	128MB		1.00	1.00
AM5	Ryzen 9	9900X3D(100-000001368)	120W	Granite Ridge	4.4GHz	12MB	128MB		1.00	1.00
AM5	Ryzen 9	9900X(100-000000662)	120W	Granite Ridge	4.4GHz	12MB	64MB		1.00	1.00
AM5	Ryzen 7	9800X3D(100-000001084)	120W	Granite Ridge	4.7GHz	8MB	96MB		1.00	1.00
AM5	Ryzen 7	9700X(100-000001404)	65W	Granite Ridge	3.8GHz	8MB	32MB		1.00	1.00
AM5	Ryzen 5	9600X(100-000001405)	65W	Granite Ridge	3.9GHz	6MB	32MB		1.00	1.00
AM5	Ryzen 5	9600(100-000000718)	65W	Granite Ridge	3.8GHz	6MB	32MB		1.00	1.00
AM5	Ryzen 7 PRO	PRO 8700GE(100-000001240)	35W	Phoenix 1	3.65GHz	8MB	16MB		1.00	1.00
AM5	Ryzen 7 PRO	PRO 8700G(100-000001238)	65W/45W	Phoenix 1	4.2GHz	8MB	16MB		1.00	1.00
AM5	Ryzen 7	8700F(100-000001590)	65W/45W	Phoenix 1	4.1GHz	8MB	16MB		1.00	1.00
AM5	Ryzen 7	8700G(100-000001236)	65W/45W	Phoenix 1	4.2GHz	8MB	16MB		1.00	1.00
AM5	Ryzen 5 PRO	PRO 8600GE(100-000001241)	35W	Phoenix 1	3.9GHz	6MB	16MB		1.00	1.00
AM5	Ryzen 5 PRO	PRO 8600G(100-000001239)	65W/45W	Phoenix 1	4.35GHz	6MB	16MB		1.00	1.00
AM5	Ryzen 5	8400F(100-000001591)	65W/45W	Phoenix 1	4.2GHz	6MB	16MB		1.00	1.00
AM5	Ryzen 5	8600G(100-000001237)	65W/45W	Phoenix 1	4.3GHz	6MB	16MB		1.00	1.00
AM5	Ryzen 5 PRO	PRO 8500GE(100-000001185)	35W	Phoenix 2	3.4GHz	6MB	16MB		1.00	1.00
AM5	Ryzen 5 PRO	PRO 8500G(100-000001183)	65W/45W	Phoenix 2	3.55GHz	6MB	16MB		1.00	1.00
AM5	Ryzen 5	8500GE(100-000001184)	35W	Phoenix 2	3.4GHz	6MB	16MB		1.00	1.00
AM5	Ryzen 5	8500G(100-000000931)	65W/45W	Phoenix 2	3.5GHz	6MB	16MB		1.00	1.00
AM5	Ryzen 3 PRO	PRO 8300GE(100-000001189)	35W	Phoenix 2	3.5GHz	4MB	8MB		1.00	1.00
AM5	Ryzen 3 PRO	PRO 8300G(100-000001187)	65W/45W	Phoenix 2	3.45GHz	4MB	8MB		1.00	1.00
AM5	Ryzen 3	8300GE(100-000001188)	35W	Phoenix 2	3.5GHz	4MB	8MB		1.00	1.00
AM5	Ryzen 3	8300G(100-000001186)	65W/45W	Phoenix 2	3.45GHz	4MB	8MB		1.00	1.00
AM5	Ryzen 9	7950X3D(100-000000908)	120W	Raphael	4.2GHz	16MB	128MB		1.00	1.00
AM5	Ryzen 9	7900X3D(100-000000909)	120W	Raphael	4.4GHz	12MB	128MB		1.00	1.00
AM5	Ryzen 9	7950X(100-000000514-00)	170W	Raphael	4.5GHz	16MB	64MB		1.00	1.00
AM5	Ryzen 9	7900X(100-000000589-00)	170W	Raphael	4.7GHz	12MB	64MB		1.00	1.00
AM5	Ryzen 9	7900(100-000000590)	65W	Raphael	3.7GHz	12MB	64MB		1.00	1.00
AM5	Ryzen 9	Pro 7945(100-000000598)	65W	Raphael	3.7GHz	12MB	64MB		1.00	1.00
AM5	Ryzen 7	Pro 7745(100-000000599)	65W	Raphael PRO	3.8GHz	8MB	32MB		1.00	1.00
AM5	Ryzen 7	7800X3D(100-000000910)	120W	Raphael	4.2GHz	8MB	96MB		1.00	1.00
AM5	Ryzen 7	7700X(100-000000591-00)	105W	Raphael	4.5GHz	8MB	32MB		1.00	1.00
AM5	Ryzen 7	7700(100-000000592)	65W	Raphael	3.8GHz	8MB	32MB		1.00	1.00
AM5	Ryzen 5	Pro 7645(100-000000600)	65W	Raphael	3.8GHz	6MB	32MB		1.00	1.00
AM5	Ryzen 5	7600X(100-000000593-00)	105W	Raphael	4.7GHz	8MB	32MB		1.00	1.00
AM5	Ryzen 5	7600(100-000001015)	65W	Raphael	3.8GHz	6MB	32MB		1.00	1.00
AM5	Ryzen 5	7500F(100-000000597)	65W	Raphael	3.7GHz	6MB	32MB		1.00	1.00
AM5	Ryzen 5	7600X3D(100-000001721)	65W	Raphael	4.1GHz	6MB	96MB		1.00	1.00
AM5	Ryzen 5	7400F(100-000001845)	65W	Raphael	3.7GHz	6MB	32MB		1.00	1.00
AM5	Ryzen 9 PRO	PRO 9945(100-000001407)	65W	Granite Ridge PRO	3.4GHz	12MB	64MB		3.30	3.30
AM5	Ryzen 7 PRO	PRO 9745(100-000001408)	65W	Granite Ridge PRO	3.8GHz	8MB	32MB		3.30	3.30
AM5	Ryzen 7	9700F(100-000001902)	65W	Granite Ridge	3.8GHz	8MB	32MB		3.30	3.30
AM5	Ryzen 5 PRO	PRO 9645(100-000001409)	65W	Granite Ridge PRO	3.9GHz	6MB	32MB		3.30	3.30
AM5	Ryzen 5	7400(100-000001900)	65W	Raphael	3.3GHz	6MB	16MB		3.30	3.30
AM5	Ryzen 5 PRO	PRO 7445(100-000001899)	65W	Raphael	3.3GHz	6MB	16MB		3.30	3.30
AM5	Ryzen 5	9500F(100-000001406)	65W	Granite Ridge	3.8GHz	6MB	32MB		3.30	3.30