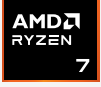
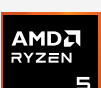
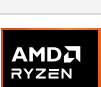


AMD Ryzen™ PRO 8040 Series Processors (Socket FP7r2 / FP7)

Series	Badge	Model	Cores /Threads	Frequency Boost ² / Base	Cache L2 + L3	Graphics	Node	TDP	AMD PRO technologies	AMD Ryzen™ AI	Compared To ¹
AMD RYZEN™ PRO 8040 SERIES	 PID: 242470457-A	AMD Ryzen™ 9 PRO 8945HS	8 / 16	up to 5.2 GHz / 4.0 GHz	24 MB	AMD Radeon™ 780M	4nm	35-54W	✓	✓	Intel Core Ultra 9 185H Apple M3 Max
	 PID: 242470456-A	AMD Ryzen™ 7 PRO 8845HS	8 / 16	up to 5.1 GHz / 3.8 GHz	24 MB	AMD Radeon™ 780M	4nm	35-45W	✓	✓	Intel Core Ultra 7 165H Intel Core Ultra 7 155H Apple M3 Pro / M3 Max
	 PID: 242470456-A	AMD Ryzen™ 7 PRO 8840HS	8 / 16	up to 5.1 GHz / 3.3 GHz	24 MB	AMD Radeon™ 780M	4nm	20-28W	✓	✓	Intel Core Ultra 7 165H Intel Core Ultra 7 155H Apple M3 Pro / M3 Max
	 PID: 242470456-A	AMD Ryzen™ 7 PRO 8840U	8 / 16	up to 5.1 GHz / 3.3 GHz	24 MB	AMD Radeon™ 780M	4nm	15-28W	✓	✓	Intel Core Ultra 7 165H Intel Core Ultra 7 155H Intel Core Ultra 7 165U Intel Core Ultra 7 155U Apple M3 / M3 Pro
	 PID: 242470455-A	AMD Ryzen™ 5 PRO 8645HS	6 / 12	up to 5.0 GHz / 4.3 GHz	22 MB	AMD Radeon™ 760M	4nm	35-54W	✓	✓	Intel Core Ultra 5 135H Intel Core Ultra 5 125H Apple M3 Pro / M3 Max
	 PID: 242470455-A	AMD Ryzen™ 5 PRO 8640HS	6 / 12	up to 4.9 GHz / 3.5 GHz	22 MB	AMD Radeon™ 760M	4nm	20-28W	✓	✓	Intel Core Ultra 5 135H Intel Core Ultra 5 125H Apple M3 Pro / M3 Max
	 PID: 242470455-A	AMD Ryzen™ 5 PRO 8640U	6 / 12	up to 4.9 GHz / 3.5 GHz	22 MB	AMD Radeon™ 760M	4nm	15-28W	✓	✓	Intel Core Ultra 5 135H Intel Core Ultra 5 125H Intel Core Ultra 5 135U Intel Core Ultra 5 125U Apple M3
	 PID: 242470455-A	AMD Ryzen™ 5 PRO 8540U	6 / 12	up to 4.9 GHz / 3.2 GHz	22 MB	AMD Radeon™ 740M	4nm	15-28W	✓	N/A	Intel Core Ultra 5 135H Intel Core Ultra 5 125H Intel Core Ultra 5 135U Intel Core Ultra 5 125U Apple M3

AMD Ryzen™ 8040 Series Processors (Socket FP7r2 / FP7/ FP8)

Series	Badge	Model	Cores /Threads	Frequency Boost ² / Base	Cache L2 + L3	Graphics	Node	TDP	AMD Ryzen™ AI	Compared To ¹
AMD RYZEN™ 8040 SERIES	 PID: 232363362-A	AMD Ryzen™ 9 8945HS	8 / 16	up to 5.2 GHz	24 MB	AMD Radeon™ 780M	4nm	35-54W	✓	Intel Core Ultra 9 185H Apple M3 Max
	 PID: 232363363-A	AMD Ryzen™ 7 8845HS	8 / 16	up to 5.1 GHz	24 MB	AMD Radeon™ 780M	4nm	35-45W	✓	Intel Core Ultra 7 165H Intel Core Ultra 7 155H Apple M3 Pro / M3 Max
	 PID: 232363363-A	AMD Ryzen™ 7 8840HS	6 / 12	up to 5.1 GHz	22 MB	AMD Radeon™ 780M	4nm	20-30W	✓	Intel Core Ultra 7 165H Intel Core Ultra 7 155H Apple M3 Pro / M3 Max
	 PID: 232363363-A	AMD Ryzen™ 7 8840U	8 / 16	up to 5.1 GHz	24 MB	AMD Radeon™ 780M	4nm	15-30W	✓	Intel Core Ultra 7 165H Intel Core Ultra 7 155H Intel Core Ultra 7 165U Intel Core Ultra 7 155U Apple M3 / M3 Pro
	 PID: 232363365-A	AMD Ryzen™ 5 8645HS	6 / 12	up to 5.0 GHz	22 MB	AMD Radeon™ 760M	4nm	35-54W	✓	Intel Core Ultra 5 135H Intel Core Ultra 5 125H Apple M3 Pro / M3 Max
	 PID: 232363365-A	AMD Ryzen™ 5 8640HS	6 / 12	up to 4.9 GHz	22 MB	AMD Radeon™ 760M	4nm	20-30W	✓	Intel Core Ultra 5 135H Intel Core Ultra 5 125H Apple M3 Pro / M3 Max
	 PID: 232363365-A	AMD Ryzen™ 5 8640U	6 / 12	up to 4.9 GHz	22 MB	AMD Radeon™ 760M	4nm	15-30W	✓	Intel Core Ultra 5 135H Intel Core Ultra 5 125H Intel Core Ultra 5 135U Intel Core Ultra 5 125U Apple M3
	 PID: 232363365-A	AMD Ryzen™ 5 8540U	6 / 12	up to 4.9 GHz	22 MB	AMD Radeon™ 740M	4nm	15-30W	N/A	Intel Core Ultra 5 135H Intel Core Ultra 5 125H Intel Core Ultra 5 135U Intel Core Ultra 5 125U Apple M3
	 PID: 232363366-A	AMD Ryzen™ 3 8440U	4 / 8	up to 4.7 GHz	12 MB	AMD Radeon™ 740M	4nm	15-30W	N/A	Intel Core Ultra 5 125U Apple M3

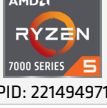
AMD Ryzen™ PRO 7040 Series Processors (Socket FP7r2/FP7/FP8)

Series	Badge	Model	Cores /Threads	Frequency Boost ² /Base	Cache L2 + L3	Graphics	Node	TDP	AMD PRO technologies	AMD Ryzen™ AI	Compared To ¹
AMD RYZEN™ PRO 7040 SERIES	 PID: 19259038	AMD Ryzen™ 9 PRO 7940HS	8 / 16	5.2 GHz / 4.0 GHz	24 MB	AMD Radeon™	4nm	45W	✓	✓	Intel Core i9-13900H Apple M2 Pro/ M2 Max
	 PID: 1711306	AMD Ryzen™ 7 PRO 7840HS	8 / 16	5.1 GHz / 3.8 GHz	24 MB	AMD Radeon™	4nm	45W	✓	✓	Intel Core i7-13800H Intel Core i7-13700H Apple M2 Pro/ M2 Max
	 PID: 1711462	AMD Ryzen™ 5 PRO 7640HS	6 / 12	5 GHz / 4.3 GHz	22 MB	AMD Radeon™	4nm	45W	✓	✓	Intel Core i5-13600H Intel Core i5-13500H
	 PID: 1711306	AMD Ryzen™ 7 PRO 7840U	8 / 16	5.1 GHz / 3.3 GHz	24 MB	AMD Radeon™	4nm	28W	✓	✓	Intel Core i7-1370P Intel Core i7-1360P Apple M1/M2
	 PID: 1711462	AMD Ryzen™ 5 PRO 7640U	6 / 12	4.9 GHz / 3.5 GHz	22 MB	AMD Radeon™	4nm	28W	✓	✓	Intel Core i5-1350P Intel Core i5-1340P
	 PID: 1711462	AMD Ryzen™ 5 PRO 7545U	6 / 12	4.9 GHz / 3.2 GHz	22 MB	AMD Radeon™	4nm	28W	✓	N/A	Intel Core i5-1350P Intel Core i5-1340P
	 PID: 1711462	AMD Ryzen™ 5 PRO 7540U	6 / 12	4.9 GHz / 3.2 GHz	22 MB	AMD Radeon™	4nm	28W	✓	N/A	Intel Core i5-1350P Intel Core i5-1340P

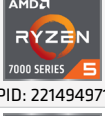
AMD Ryzen™ 7040 Series Processors (Socket FP7r2/FP7/FP8)

Series	Badge	Model	Cores /Threads	Frequency Boost ² / Base	Cache L2 + L3	Graphics	Node	TDP	AMD Ryzen™ AI	Compared To ¹
AMD RYZEN™ 7040 SERIES	 7000 SERIES 9 PID: 1581614-A	AMD Ryzen™ 9 7940HS	8 / 16	5.2 GHz / 4.0 GHz	24 MB	AMD Radeon™ 780M	4nm	35W	✓	Intel Core i9-13900H Apple M2 Pro/ M2 Max
	 7000 SERIES 7 PID: 1581615-A	AMD Ryzen™ 7 7840HS	8 / 16	5.1 GHz / 3.8 GHz	24 MB	AMD Radeon™ 780M	4nm	35W	✓	Intel Core i7-13800H Intel Core i7-13700H Apple M2 Pro/ M2 Max
	 7000 SERIES 5 PID: 1581616-A	AMD Ryzen™ 5 7640HS	6 / 12	5 GHz / 4.3 GHz	22 MB	AMD Radeon™ 760M	4nm	35W	✓	Intel Core i5-13600H Intel Core i5-13500H
	 7000 SERIES 7 PID: 1581615-A	AMD Ryzen™ 7 7840U	8 / 16	5.1GHz / 3.3 GHz	24 MB	AMD Radeon™ 780M	4nm	15-28W	✓	Intel Core i7-1380P Intel Core i7-1370P Intel Core i7-1360P Apple M1/M2
	 7000 SERIES 5 PID: 1581616-A	AMD Ryzen™ 5 7640U	6 / 12	4.9 GHz / 3.5 GHz	22 MB	AMD Radeon™ 760M	4nm	15-28W	✓	Intel Core i5-1350P Intel Core i5-1340P
	 7000 SERIES 5 PID: 1581616-A	AMD Ryzen™ 5 7545U	6 / 12	4.9 GHz / 3.2 GHz	22 MB	AMD Radeon™ 760M	4nm	15-28W	N/A	Intel Core i5-1350P Intel Core i5-1340P
	 7000 SERIES 5 PID: 1581616-A	AMD Ryzen™ 5 7540U	6 / 12	4.9 GHz / 3.2 GHz	22 MB	AMD Radeon™ 760M	4nm	15-28W	N/A	Intel Core i5-1350P Intel Core i5-1340P
	 7000 SERIES 3 PID: 1581617-A	AMD Ryzen™ 3 7440U	4 / 8	4.7 GHz / 3.9 GHz	12 MB	AMD Radeon™ 740M	4nm	15-28W	N/A	Intel Core i3-1330P Intel Core i3-1325P

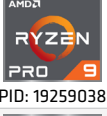
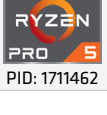
AMD Ryzen™ 7035 Series Processors (Socket FP7r2/FP7)

Series	Badge	Model	Cores /Threads	Frequency Boost ² /Base	Cache L2 + L3	Graphics	Node	TDP	AMD PRO technologies	Compared To ¹
AMD RYZEN™ PRO 7035 SERIES	 AMD RYZEN PRO 7 PID: 1711306	AMD Ryzen™ 7 PRO 7735U	8 / 16	Up to 4.75 / 2.7 GHz	20 MB	AMD Radeon™ 680M	7nm	15-28W	✓	Intel Core i7-1280P Intel Core i7-1270P Intel Core i7-1260P
	 AMD RYZEN PRO 5 PID: 1711462	AMD Ryzen™ 5 PRO 7535U	6 / 12	Up to 4.55 / 2.9 GHz	19 MB	AMD Radeon™ 660M	7nm	15-28W	✓	Intel Core i5-1250P Intel Core i5-1240P
	 AMD RYZEN PRO 3 PID: 1711463	AMD Ryzen™ 3 PRO 7335U	4 / 8	Up to 4.3 / 3.0 GHz	10 MB	AMD Radeon™ 660M	7nm	15-28W	✓	Intel Core i3-1220P
AMD RYZEN™ 7035 SERIES	 AMD RYZEN 7000 SERIES 7 PID: 221494969	AMD Ryzen™ 7 7735HS	8 / 16	Up to 4.5 / 3.2 GHz	20 MB	AMD Radeon™ 600M	7nm	35W	N/A	Intel Core i7-12700H
	 AMD RYZEN 7000 SERIES 5 PID: 221494971	AMD Ryzen™ 5 7535HS	6 / 12	Up to 4.5 / 3.3 GHz	19 MB	AMD Radeon™ 600M	7nm	35W	N/A	Intel Core i5-12600H
	 AMD RYZEN 7000 SERIES 7 PID: 221494969	AMD Ryzen™ 7 7735U	8 / 16	Up to 4.3 / 2.7 GHz	20 MB	AMD Radeon™ 600M	7nm	15-28W	N/A	Intel Core i7-1280P Intel Core i7-1270P Intel Core i7-1260P
	 AMD RYZEN 7000 SERIES 5 PID: 221494971	AMD Ryzen™ 5 7535U	6 / 12	Up to 4.5 / 2.9 GHz	19 MB	AMD Radeon™ 600M	7nm	15-28W	N/A	Intel Core i5-1250P Intel Core i5-1240P
	 AMD RYZEN 7000 SERIES 3 PID: 221494974	AMD Ryzen™ 3 7335U	4 / 8	Up to 4.5 / 3.0 GHz	10 MB	AMD Radeon™ 600M	7nm	15-28W	N/A	Intel Core i3-1220P

AMD Ryzen™ 7030 Series Processors (Socket FP6)

Series	Badge	Model	Cores /Threads	Frequency Boost ² /Base	Cache L2 + L3	Graphics	Node	TDP	AMD PRO technologies	Compared To ¹
AMD RYZEN™ PRO 7030 SERIES	 AMD RYZEN PRO 7 PID: 1711306	AMD Ryzen™ 7 PRO 7730U	8 / 16	Up to 4.5 / 2.0 GHz	20 MB	AMD Radeon™	7nm	15W	✓	Intel Core i7-1265U
	 AMD RYZEN PRO 5 PID: 1711462	AMD Ryzen™ 5 PRO 7530U	6 / 12	Up to 4.5 / 2.0 GHz	19 MB	AMD Radeon™	7nm	15W	✓	Intel Core i5-1235U
	 AMD RYZEN PRO 3 PID: 1711463	AMD Ryzen™ 3 PRO 7330U	4 / 8	Up to 4.3 / 2.3 GHz	10 MB	AMD Radeon™	7nm	15W	✓	Intel Core i3-1215U
AMD RYZEN™ 7030 SERIES	 AMD RYZEN 7030 SERIES 7 PID: 221494969	AMD Ryzen™ 7 7730U	8 / 16	Up to 4.5 / 2.0 GHz	20 MB	AMD Radeon™	7nm	15W	N/A	Intel Core i7-1265U
	 AMD RYZEN 7030 SERIES 5 PID: 221494971	AMD Ryzen™ 5 7530U	6 / 12	Up to 4.5 / 2.0 GHz	19 MB	AMD Radeon™	7nm	15W	N/A	Intel Core i5-1235U
	 AMD RYZEN 7030 SERIES 3 PID: 221494971	AMD Ryzen™ 3 7330U	4 / 8	Up to 4.3 / 2.3 GHz	10 MB	AMD Radeon™	7nm	15W	N/A	Intel Core i3-1225U

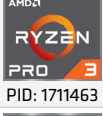
AMD Ryzen™ PRO 6000 Series Processors (Socket FP7)

Series	Badge	Model	Cores /Threads	Frequency Boost ² /Base	Cache L2 + L3	Graphics	Node	TDP	AMD PRO technologies	Compared To ¹
AMD RYZEN™ PRO 6000 SERIES	 AMD RYZEN PRO 9 PID: 19259038	AMD Ryzen™ 9 PRO 6950H	8 / 16	Up to 4.9 / 3.3 GHz	20 MB	AMD Radeon™ 680M	6nm	45W	✓	Intel Core i9-12900H
	 AMD RYZEN PRO 9 PID: 19259038	AMD Ryzen™ 9 PRO 6950HS	8 / 16	Up to 4.9 / 3.3 GHz	20 MB	AMD Radeon™ 680M	6nm	35W	✓	Intel Core i9-12900H
	 AMD RYZEN PRO 7 PID: 1711306	AMD Ryzen™ 7 PRO 6850H	8 / 16	Up to 4.7 / 3.2 GHz	20 MB	AMD Radeon™ 680M	6nm	45W	✓	Intel Core i7-12800H Intel Core i7-12700H
	 AMD RYZEN PRO 7 PID: 1711306	AMD Ryzen™ 7 PRO 6850HS	8 / 16	Up to 4.7 / 3.2 GHz	20 MB	AMD Radeon™ 680M	6nm	35W	✓	Intel Core i7-12800H Intel Core i7-12700H
	 AMD RYZEN PRO 5 PID: 1711462	AMD Ryzen™ 5 PRO 6650H	6 / 12	Up to 4.5 / 3.3 GHz	19 MB	AMD Radeon™ 660M	6nm	45W	✓	Intel Core i5-12600H Intel Core i5-12500H
	 AMD RYZEN PRO 5 PID: 1711462	AMD Ryzen™ 5 PRO 6650HS	6 / 12	Up to 4.5 / 3.3 GHz	19 MB	AMD Radeon™ 660M	6nm	35W	✓	Intel Core i5-12600H Intel Core i5-12500H
	 AMD RYZEN PRO 7 PID: 1711306	AMD Ryzen™ 7 PRO 6860Z	8 / 16	Up to 4.75 / 2.7 GHz	20 MB	AMD Radeon™ 680M	6nm	28W	✓	Intel Core i7-1280P
	 AMD RYZEN PRO 7 PID: 1711306	AMD Ryzen™ 7 PRO 6850U	8 / 16	Up to 4.7 / 2.7 GHz	20 MB	AMD Radeon™ 680M	6nm	15W-28W	✓	Intel Core i7-1280P Intel Core i7-1270P Intel Core i7-1260P
	 AMD RYZEN PRO 5 PID: 1711462	AMD Ryzen™ 5 PRO 6650U	6 / 12	Up to 4.5 / 2.9 GHz	19 MB	AMD Radeon™ 660M	6nm	15W-28W	✓	Intel Core i5-1250P Intel Core i5-1240P

AMD Ryzen™ 6000 Series Processors for Business (Socket FP7)

Series	Badge	Model	Cores /Threads	Frequency Boost ² /Base	Cache L2 + L3	Graphics	Node	TDP	Compared To ¹
AMD RYZEN™ 6000 SERIES	 AMD RYZEN™ 9 6900HS 6000 SERIES 9 PID: 1711306	AMD Ryzen™ 9 6900HS	8 / 16	Up to 4.9 / 3.3 GHz	20 MB	AMD Radeon™ 680M	6nm	35W	Intel Core i9-12900H
	 AMD RYZEN™ 7 6800H 6000 SERIES 7 PID: 1711306	AMD Ryzen™ 7 6800H	8 / 16	Up to 4.7 / 3.2 GHz	20 MB	AMD Radeon™ 680M	6nm	45W	Intel Core i7-12800H Intel Core i7-12700H
	 AMD RYZEN™ 7 6800HS 6000 SERIES 7 PID: 1711306	AMD Ryzen™ 7 6800HS	8 / 16	Up to 4.7 / 3.2 GHz	20 MB	AMD Radeon™ 680M	6nm	35W	Intel Core i7-12800H Intel Core i7-12700H
	 AMD RYZEN™ 5 6600H 6000 SERIES 5 PID: 211038200	AMD Ryzen™ 5 6600H	6 / 12	Up to 4.5 / 3.3 GHz	19 MB	AMD Radeon™ 660M	6nm	45W	Intel Core i5-12600H Intel Core i5-12500H
	 AMD RYZEN™ 5 6600HS 6000 SERIES 5 PID: 211038200	AMD Ryzen™ 5 6600HS	6 / 12	Up to 4.5 / 3.3 GHz	19 MB	AMD Radeon™ 660M	6nm	35W	Intel Core i5-12600H Intel Core i5-12500H
	 AMD RYZEN™ 7 6800U 6000 SERIES 7 PID: 1711306	AMD Ryzen™ 7 6800U	8 / 16	Up to 4.7 / 2.7 GHz	19 MB	AMD Radeon™ 680M	6nm	15W-28W	Intel Core i7-1280P Intel Core i7-1270P Intel Core i7-1260P
	 AMD RYZEN™ 5 6600U 6000 SERIES 5 PID: 211038200	AMD Ryzen™ 5 6600U	6 / 12	Up to 4.5 / 2.9 GHz	19 MB	AMD Radeon™ 680M	6nm	15W-28W	Intel Core i5-1250P Intel Core i5-1240P

AMD Ryzen™ PRO 5000 Series Processors for Business (Socket FP6)

Series	Badge	Model	Cores /Threads	Frequency Boost ² /Base	Cache L2 + L3	Graphics	Node	TDP	AMD PRO technologies	Compared To ¹
AMD RYZEN™ PRO 5000 SERIES	 AMD Ryzen™ 7 PRO 5875U PID: 1711306	AMD Ryzen™ 7 PRO 5875U	8 / 16	Up to 4.5 / 2.0 GHz	20 MB	AMD Radeon™ Graphics	7nm	15W	✓	Intel Core i7-1185G7
	 AMD Ryzen™ 7 PRO 5850U PID: 1711306	AMD Ryzen™ 7 PRO 5850U	8 / 16	Up to 4.4 / 1.9 GHz	20 MB	AMD Radeon™ Graphics	7nm	15W	✓	Intel Core i7-1185G7
	 AMD Ryzen™ 5 PRO 5675U PID: 1711462	AMD Ryzen™ 5 PRO 5675U	6 / 12	Up to 4.3 / 2.3 GHz	19 MB	AMD Radeon™ Graphics	7nm	15W	✓	Intel Core i5-1145G7
	 AMD Ryzen™ 5 PRO 5650U PID: 1711462	AMD Ryzen™ 5 PRO 5650U	6 / 12	Up to 4.2 / 2.3 GHz	19 MB	AMD Radeon™ Graphics	7nm	15W	✓	Intel Core i5-1145G7
	 AMD Ryzen™ 3 PRO 5475U PID: 1711463	AMD Ryzen™ 3 PRO 5475U	4 / 8	Up to 4.1 / 2.7 GHz	10 MB	AMD Radeon™ Graphics	7nm	15W	✓	Intel Core i3-1125G4
	 AMD Ryzen™ 3 PRO 5450U PID: 1711463	AMD Ryzen™ 3 PRO 5450U	4 / 8	Up to 4.0 / 2.6 GHz	10 MB	AMD Radeon™ Graphics	7nm	15W	✓	Intel Core i3-1125G4

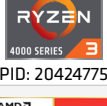
AMD Ryzen™ 5000 C-Series Processors for Business (Socket FP6)

Series	Badge	Model	Cores /Threads	Frequency Boost ² /Base	Cache L2 + L3	Graphics	Node	TDP	Compared To ¹
AMD RYZEN™ 5000 C-SERIES	 AMD Ryzen™ 7 5825C PID: 20602960	AMD Ryzen™ 7 5825C	8 / 16	Up to 4.5 / 2.0 GHz	20 MB	AMD Radeon™ Graphics	7nm	15W	Intel Core i7-1185G7
	 AMD Ryzen™ 5 5625C PID: 20602959	AMD Ryzen™ 5 5625C	6 / 12	Up to 4.3 / 2.3 GHz	19 MB	AMD Radeon™ Graphics	7nm	15W	Intel Core i5-1145G7
	 AMD Ryzen™ 3 5425C PID: 20602958	AMD Ryzen™ 3 5425C	4 / 8	Up to 4.1 / 2.7 GHz	10 MB	AMD Radeon™ Graphics	7nm	15W	Intel Core i3-1125G4

AMD Ryzen™ 5000 Processors for Business (Socket FP6)

Series	Badge	Model	Cores /Threads	Frequency Boost ² /Base	Cache L2 + L3	Graphics	Node	TDP	Compared To ¹
AMD RYZEN™ 5000 PROCESSORS FOR BUSINESS	 PID: 20602961	AMD Ryzen™ 9 5900HS	8 / 16	Up to 4.6 / 3.0 GHz	20 MB	AMD Radeon™ Graphics	7nm	35W	Intel Core i9-11900H
	 PID: 20602960	AMD Ryzen™ 7 5800H	8 / 16	Up to 4.4 / 3.2 GHz	20 MB	AMD Radeon™ Graphics	7nm	45W	Intel Core i7-11600H
	 PID: 20602960	AMD Ryzen™ 7 5800HS	8 / 16	Up to 4.4 / 2.8 GHz	20 MB	AMD Radeon™ Graphics	7nm	35W	Intel Core i7-11600H
	 PID: 20602959	AMD Ryzen™ 5 5600H	6 / 12	Up to 4.2 / 3.3 GHz	19 MB	AMD Radeon™ Graphics	7nm	35W	Intel Core i5-11500H Intel Core i5-11400H Intel Core i5-11300H
	 PID: 20602959	AMD Ryzen™ 5 5600HS	6 / 12	Up to 4.2 / 3.0 GHz	19MB	AMD Radeon™ Graphics	7nm	45W	Intel Core i5-11500H Intel Core i5-11400H Intel Core i5-11300H
	 PID: 20602960	AMD Ryzen™ 7 5825U	8 / 16	Up to 4.5 / 2.0 GHz	20MB	AMD Radeon™ Graphics	7nm	15W	Intel Core i7-1185G7
	 PID: 20602960	AMD Ryzen™ 7 5800U	8 / 16	Up to 4.4 / 1.9 GHz	20MB	AMD Radeon™ Graphics	7nm	15W	Intel Core i7-1185G7
	 PID: 20602960	AMD Ryzen™ 7 5700U	8 / 16	Up to 4.3 / 1.8 GHz	12MB	AMD Radeon™ Graphics	7nm	15W	Intel Core i7-1185G7
	 PID: 20602959	AMD Ryzen™ 5 5625U	6 / 12	Up to 4.3 / 2.3 GHz	19MB	AMD Radeon™ Graphics	7nm	15W	Intel Core i5-1145G7
	 PID: 20602959	AMD Ryzen™ 5 5600U	6 / 12	Up to 4.2 / 2.3 GHz	19MB	AMD Radeon™ Graphics	7nm	15W	Intel Core i5-1145G7
	 PID: 20602959	AMD Ryzen™ 5 5500U	6 / 12	Up to 4.0 / 2.1 GHz	11MB	AMD Radeon™ Graphics	7nm	15W	Intel Core i5-1145G7
	 PID: 20602958	AMD Ryzen™ 3 5425U	4 / 8	Up to 4.1 / 2.7 GHz	10MB	AMD Radeon™ Graphics	7nm	15W	Intel Core i3-1125G4
	 PID: 20602958	AMD Ryzen™ 3 5400U	4 / 8	Up to 4.0 / 2.6 GHz	10MB	AMD Radeon™ Graphics	7nm	15W	Intel Core i3-1125G4
	 PID: 20602958	AMD Ryzen™ 3 5300U	6 / 12	Up to 3.8 / 2.6 GHz	6MB	AMD Radeon™ Graphics	7nm	15W	Intel Core i5-1145G7

AMD Ryzen™ 4000 Series (Socket FP6) and AMD Athlon™ Series (Socket FP5)

Series	Badge	Model	Cores /Threads	Frequency Boost ² /Base	Cache L2 + L3	Graphics	Node	TDP	Compared To ¹
AMD RYZEN™ PRO 4000 SERIES PROCESSORS	 AMD RYZEN PRO 7 PID: 1711306	AMD Ryzen™ 7 PRO 4750U	8 / 16	Up to 4.1 / 1.7 GHz	12 MB	AMD Radeon™ Graphics	7nm	15W	Intel Core i7-10810U Intel Core i7-10610U
	 AMD RYZEN PRO 5 PID: 1711462	AMD Ryzen™ 5 PRO 4650U	6 / 12	Up to 4.0 / 2.1 GHz	11 MB	AMD Radeon™ Graphics	7nm	15W	Intel Core i5-10310U
	 AMD RYZEN PRO 3 PID: 1711463	AMD Ryzen™ 3 PRO 4450U	4 / 8	Up to 3.7 / 2.5 GHz	6 MB	AMD Radeon™ Graphics	7nm	15W	Intel Core i3-10110U
AMD RYZEN™ 4000 SERIES PROCESSORS	 AMD RYZEN 4000 SERIES 7 PID: 20424773	AMD Ryzen™ 7 4800U	8 / 16	Up to 4.2 / 1.8 GHz	12 MB	AMD Radeon™ Graphics	7nm	15W	Intel Core i7-10810U Intel Core i7-10610U
	 AMD RYZEN 4000 SERIES 7 PID: 20424773	AMD Ryzen™ 7 4700U	8 / 16	Up to 4.1 / 2.0 GHz	12 MB	AMD Radeon™ Graphics	7nm	15W	Intel Core i7-10810U Intel Core i7-10610U
	 AMD RYZEN 4000 SERIES 5 PID: 20424774	AMD Ryzen™ 5 4600U	6 / 12	Up to 4.0 / 2.1 GHz	11 MB	AMD Radeon™ Graphics	7nm	15W	Intel Core i5-10310U
	 AMD RYZEN 4000 SERIES 5 PID: 20424774	AMD Ryzen™ 5 4500U	6 / 12	Up to 4.0 / 2.3 GHz	11 MB	AMD Radeon™ Graphics	7nm	15W	Intel Core i5-10310U
	 AMD RYZEN 4000 SERIES 3 PID: 20424775	AMD Ryzen™ 3 4300U	4 / 8	Up to 3.7 / 2.7 GHz	6 MB	AMD Radeon™ Graphics	7nm	15W	Intel Core i3-10110U
AMD ATHLON™ PROCESSORS	 AMD ATHLON GOLD AMD RAEDEON GRAPHICS PID: 19364413	AMD Athlon™ Gold 3150U	2 / 4	Up to 3.3 / 2.4 GHz	5 MB	AMD Radeon™ Graphics	14nm	15W	Intel® Pentium® Gold 5405U
	 AMD ATHLON SILVER AMD RAEDEON GRAPHICS PID: 19364413	AMD Athlon™ Silver 3050U	2 / 2	Up to 3.2 / 2.3 GHz	5 MB	AMD Radeon™ Graphics	14nm	15W	Intel® Pentium® Silver N5000

1. This chart illustrates competitive product positioning, is not necessarily an indication of relative performance and may not be to scale for any performance metric. GD-75
2. Max boost for AMD Ryzen and Athlon processors is the maximum frequency achievable by a single core on the processor running a bursty single-threaded workload. Max boost will vary based on several factors, including, but not limited to: thermal paste; system cooling; motherboard design and BIOS; the latest AMD chipset driver; and the latest OS updates. GD-150

