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GA-H81M-H (rev. 1.1)

rev. 2.2 rev. 2.1 rev. 2.0 rev. 1.0

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CPU Support

Socket 1150 - Intel H81

N/A = Not support

Socket 1150										
Motherboard									Model	GA-H81M-H
									PCB	1.1
Vendor	CPU Model	Frequency	L3 Cache	GPU Info.	Core Name	Process	Stepping	Wattage	BCLK	Since BIOS Version
Intel	Core i7-4790K	4.00GHz	8MB	350 MHz / 1300 MHz	Haswell Refresh	22nm	C0	88W	100	F7

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Brand	Model	Base Frequency	Cache	GPU	Architecture	Process	Socket	TDP	Max Temp	Series
Intel	Core i7-4790T	2.90GHz	8MB	1300 MHz	Refresh	22nm	C0	35W	100	F7
Intel	Core i7-4785T	2.20GHz	8MB	350 MHz / 1300 MHz	Haswell Refresh	22nm	C0	35W	100	F7
Intel	Core i7-4771	3.50GHz	8MB	350 MHz / 1300 MHz	Haswell	22nm	C0	84W	100	F7
Intel	Core i7-4770	3.40GHz	8MB	350 MHz / 1300 MHz	Haswell	22nm	C0	84W	100	F7
Intel	Core i7-4770K	3.50GHz	8MB	350 MHz / 1300 MHz	Haswell	22nm	C0	84W	100	F7
Intel	Core i7-4770S	3.10GHz	8MB	350 MHz / 1300 MHz	Haswell	22nm	C0	65W	100	F7
Intel	Core i7-4770T	2.50GHz	8MB	350 MHz / 1300 MHz	Haswell	22nm	C0	45W	100	F7
Intel	Core i7-4765T	2.00GHz	8MB	350 MHz / 1300 MHz	Haswell	22nm	C0	35W	100	F7
Intel	Core i5-4690	3.50GHz	6MB	350 MHz / 1300 MHz	Haswell Refresh	22nm	C0	84W	100	F7
Intel	Core i5-4690K	3.50GHz	6MB	350 MHz / 1300 MHz	Haswell Refresh	22nm	C0	88W	100	F7

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Brand	Model	Base Frequency	Cache	Boost Frequency	Architecture	Process	Socket	TDP	Max Temp	Release Date
Intel	Core i5-4670	3.40GHz	6MB	350 MHz / 1300 MHz	Haswell	22nm	LGA1150	84W	100	F7
Intel	Core i5-4670K	3.40GHz	6MB	350 MHz / 1300 MHz	Haswell	22nm	LGA1150	84W	100	F7
Intel	Core i5-4670S	3.10GHz	6MB	350 MHz / 1300 MHz	Haswell	22nm	LGA1150	65W	100	F7
Intel	Core i5-4670T	2.30GHz	6MB	350 MHz / 1300 MHz	Haswell	22nm	LGA1150	45W	100	F7
Intel	Core i5-4590	3.30GHz	6MB	350 MHz / 1250 MHz	Haswell Refresh	22nm	LGA1150	84W	100	F7
Intel	Core i5-4590S	3.00GHz	6MB	350 MHz / 1250 MHz	Haswell Refresh	22nm	LGA1150	65W	100	F7
Intel	Core i5-4590T	2.00GHz	6MB	350 MHz / 1250 MHz	Haswell Refresh	22nm	LGA1150	35W	100	F7
Intel	Core i5-4570	3.20GHz	6MB	350 MHz / 1250 MHz	Haswell	22nm	LGA1150	84W	100	F7
Intel	Core i5-4570S	2.90GHz	6MB	350 MHz / 1250 MHz	Haswell	22nm	LGA1150	65W	100	F7
Intel	Core i5-4570T	2.90GHz	4MB	350 MHz / 1100 MHz	Haswell	22nm	LGA1150	35W	100	F7

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Brand	Model	Base Frequency	Cache	Boost Frequency	Architecture	Process	Socket	TDP	Max Temp	Notes
Intel	Core i5-4460T	3.10GHz	6MB	350 MHz / 1200 MHz	Haswell	22nm	C0	84W	100	F7
Intel	Core i5-4440S	2.80GHz	6MB	350 MHz / 1200 MHz	Haswell	22nm	C0	65W	100	F7
Intel	Core i5-4430	3.00GHz	6MB	350 MHz / 1200 MHz	Haswell	22nm	C0	84W	100	F7
Intel	Core i5-4430S	2.70GHz	6MB	350 MHz / 1200 MHz	Haswell	22nm	C0	65W	100	F7
Intel	Core i3-4370	3.80GHz	4MB	350 MHz / 1250 MHz	Haswell Refresh	22nm	C0	54W	100	F7
Intel	Core i3-4370T	3.30GHz	4MB	350 MHz / 1250 MHz	Haswell Refresh	22nm	C0	35W	100	F7
Intel	Core i3-4360	3.70GHz	4MB	350 MHz / 1250 MHz	Haswell Refresh	22nm	C0	54W	100	F7
Intel	Core i3-4360T	3.20GHz	4MB	350 MHz / 1100 MHz	Haswell Refresh	22nm	C0	35W	100	F7
Intel	Core i3-4350	3.60GHz	4MB	350 MHz / 1250 MHz	Haswell Refresh	22nm	C0	54W	100	F7

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Brand	Model	Base Frequency	Cache	Boost Frequency	Architecture	Process	Socket	TDP	Max Temp	Notes
Intel	Core i3-4330	3.00GHz	4MB	350 MHz / 1100 MHz	Haswell	22nm	C0	35W	100	F7
Intel	Core i3-4170	3.70GHz	3MB	350 MHz / 1250 MHz	Haswell Refresh	22nm	C0	54W	100	F7
Intel	Core i3-4170T	3.20GHz	3MB	350 MHz / 1100 MHz	Haswell Refresh	22nm	C0	35W	100	F7
Intel	Core i3-4160	3.60GHz	3MB	350 MHz / 1250 MHz	Haswell Refresh	22nm	C0	54W	100	F7
Intel	Core i3-4160T	3.10GHz	3MB	350 MHz / 1100 MHz	Haswell Refresh	22nm	C0	35W	100	F7
Intel	Core i3-4150	3.50GHz	3MB	350 MHz / 1250 MHz	Haswell Refresh	22nm	C0	54W	100	F7
Intel	Core i3-4150T	3.00GHz	3MB	350 MHz / 1100 MHz	Haswell Refresh	22nm	C0	35W	100	F7
Intel	Core i3-4130	3.40GHz	3MB	350 MHz / 1250 MHz	Haswell	22nm	C0	54W	100	F7
Intel	Core i3-4130T	2.90GHz	3MB	350 MHz / 1100 MHz	Haswell	22nm	C0	35W	100	F7

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Brand	Model	Processor	Cache	Frequency	Technology	Process	Core	Power	Temp	Socket
Intel	Pentium G3460T	3.40GHz	3MB	1200 MHz	Refresh	22nm	C0	53W	100	F7
Intel	Pentium G3450	3.40GHz	3MB	350 MHz / 1200 MHz	Haswell Refresh	22nm	C0	53W	100	F7
Intel	Pentium G3450T	2.90GHz	3MB	300 MHz / 1100 MHz	Haswell Refresh	22nm	C0	35W	100	F7
Intel	Pentium G3440	3.30GHz	3MB	350 MHz / 1200 MHz	Haswell Refresh	22nm	C0	53W	100	F7
Intel	Pentium G3440T	2.80GHz	3MB	300 MHz / 1100 MHz	Haswell Refresh	22nm	C0	35W	100	F7
Intel	Pentium G3430	3.30GHz	3MB	350 MHz / 1200 MHz	Haswell	22nm	C0	54W	100	F7
Intel	Pentium G3420	3.20GHz	3MB	350 MHz / 1200 MHz	Haswell	22nm	C0	54W	100	F7
Intel	Pentium G3420T	2.70GHz	3MB	300 MHz / 1100 MHz	Haswell	22nm	C0	35W	100	F7
Intel	Pentium G3260	3.30GHz	3MB	350 MHz / 1200 MHz	Haswell	22nm	C0	53W	100	F7
Intel	Pentium G3260T	2.90GHz	3MB	300 MHz / 1100 MHz	Haswell	22nm	C0	35W	100	F7

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Brand	Model	Base Frequency	Cache	Boost Frequency	Technology	Process	Core	TDP	Max Temp	Socket
Intel	Pentium G3250T	2.80GHz	3MB	1100 MHz	Refresh	22nm	C0	53W	100	F7
Intel	Pentium G3240	3.10GHz	3MB	350 MHz / 1200 MHz	Haswell Refresh	22nm	C0	53W	100	F7
Intel	Pentium G3240T	2.70GHz	3MB	300 MHz / 1100 MHz	Haswell Refresh	22nm	C0	35W	100	F7
Intel	Pentium G3220	3.00GHz	3MB	350 MHz / 1200 MHz	Haswell	22nm	C0	54W	100	F7
Intel	Pentium G3220T	2.60GHz	3MB	300 MHz / 1100 MHz	Haswell	22nm	C0	35W	100	F7
Intel	Celeron G1850	2.90GHz	2MB	350 MHz / 1150 MHz	Haswell Refresh	22nm	C0	53W	100	F7
Intel	Celeron G1840	2.80GHz	2MB	350 MHz / 1150 MHz	Haswell Refresh	22nm	C0	53W	100	F7
Intel	Celeron G1840T	2.40GHz	2MB	200 MHz / 1150 MHz	Haswell Refresh	22nm	C0	35W	100	F7
Intel	Celeron G1830	2.80GHz	2MB	350 MHz / 1150 MHz	Haswell	22nm	C0	53W	100	F7
Intel	Celeron G1820	2.70GHz	2MB	350 MHz / 1150 MHz	Haswell	22nm	C0	53W	100	F7

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Brand	Model	Base Frequency	Cache	Boost Frequency	Architecture	Process	Core	TDP	Max Temp	Socket
Intel	Xeon E3-1286L V3	3.60GHz	8MB	300 MHz / 1150 MHz	Haswell	22nm	C0	84W	100	F7
Intel	Xeon E3-1285Lv3	3.10GHz	8MB	350 MHz / 1300 MHz	Haswell	22nm	C0	65W	100	F7
Intel	Xeon E3-1276 V3	3.60GHz	8MB	350 MHz / 1300 MHz	Haswell Refresh	22nm	C0	84W	100	F7
Intel	Xeon E3-1275v3	3.50GHz	8MB	350 MHz / 1300 MHz	Haswell	22nm	C0	84W	100	F7
Intel	Xeon E3-1275L V3	2.70GHz	4MB	350 MHz / 1300 MHz	Haswell Refresh	22nm	C0	45W	100	F7
Intel	Xeon E3-1265Lv3	2.50GHz	8MB	350 MHz / 1300 MHz	Haswell	22nm	C0	45W	100	F7
Intel	Xeon E3-1246 V3	3.50GHz	8MB	350 MHz / 1300 MHz	Haswell Refresh	22nm	C0	84W	100	F7
Intel	Xeon E3-1245v3	3.40GHz	8MB	350 MHz / 1300 MHz	Haswell	22nm	C0	84W	100	F7
Intel	Xeon E3-1226 V3	3.30GHz	8MB	350 MHz / 1300 MHz	Haswell Refresh	22nm	C0	84W	100	F7

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Brand	Model	Frequency	Cache	RAM	Architecture	Process	Socket	Power	Core	Thread
Intel	Xeon E3-1271 V3	3.60GHz	8MB	N/A	Haswell Refresh	22nm	C0	80W	100	F7
Intel	Xeon E3-1270v3	3.50GHz	8MB	N/A	Haswell	22nm	C0	80W	100	F7
Intel	Xeon E3-1241 V3	3.50GHz	8MB	N/A	Haswell Refresh	22nm	C0	80W	100	F7
Intel	Xeon E3-1240v3	3.40GHz	8MB	N/A	Haswell	22nm	C0	80W	100	F7
Intel	Xeon E3-1240L V3	2.00GHz	8MB	N/A	Haswell Refresh	22nm	C0	25W	100	F7
Intel	Xeon E3-1231 V3	3.40GHz	8MB	N/A	Haswell Refresh	22nm	C0	80W	100	F7
Intel	Xeon E3-1230v3	3.30GHz	8MB	N/A	Haswell	22nm	C0	80W	100	F7
Intel	Xeon E3-1230Lv3	1.80GHz	8MB	N/A	Haswell	22nm	C0	25W	100	F7
Intel	Xeon E3-1220v3	3.10GHz	8MB	N/A	Haswell	22nm	C0	80W	100	F7

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