



## Z87-G45 GAMING

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Processor ↕	Core Name ↕	CPU No ↕	FSB ↕	CPU Speed ↕	L2 ↕	L3 ↕	Stepping ↕	Wattage ↕	GPU ↕	Result ↕
Core i7	Haswell Refresh	i7-4790T	100	2.7GHz	1MB	8MB	C0	45	HDGraphics4600	7821v17.zip
Core i7	Haswell Refresh	i7-4790S	100	3.2GHz	1MB	8MB	C0	65	HDGraphics4600	7821v17.zip
Core i7	Haswell Refresh	i7-4790K	100	4.0GHz	1MB	8MB	C0	88	HDGraphics4600	7821v18.zip
Core i7	Haswell Refresh	i7-4790	100	3.6GHz	1MB	8MB	C0	84	HDGraphics4600	7821v17.zip
Core i7	Haswell Refresh	i7-4785T	100	2.2GHz	1MB	8MB	C0	35	HDGraphics4600	7821v17.zip
Core i5	Haswell Refresh	i5-4690T	100	2.5GHz	1MB	6MB	C0	45	HDGraphics4600	7821v17.zip
Core i5	Haswell Refresh	i5-4690S	100	3.2GHz	1MB	6MB	C0	65	HDGraphics4600	7821v17.zip
Core i5	Haswell Refresh	i5-4690K	100	3.5GHz	1MB	6MB	C0	88	HDGraphics4600	7821v18.zip
Core i5	Haswell Refresh	i5-4690	100	3.5GHz	1MB	6MB	C0	84	HDGraphics4600	7821v17.zip
Core i5	Haswell Refresh	i5-4590T	100	2.0GHz	1MB	6MB	C0	35	HDGraphics4600	7821v17.zip
Core i5	Haswell Refresh	i5-4590S	100	3.0GHz	1MB	6MB	C0	65	HDGraphics4600	7821v17.zip

Processor ↕	Core Name ↕	CPU No ↕	FSB ↕	CPU Speed ↕	L2 ↕	L3 ↕	Stepping ↕	Wattage ↕	GPU ↕	Result ↕
Core i5	Haswell Refresh	i5-4590	100	3.3GHz	1MB	6MB	C0	84	HDGraphics4600	7821v17.zip
Core i5	Haswell Refresh	i5-4460T	100	1.9GHz	1MB	6MB	C0	35	HDGraphics4600	7821v17.zip
Core i5	Haswell Refresh	i5-4460S	100	2.9GHz	1MB	6MB	C0	65	HDGraphics4600	7821v17.zip
Core i5	Haswell Refresh	i5-4460	100	3.2GHz	1MB	6MB	C0	84	HDGraphics4600	7821v17.zip
Core i3	Haswell Refresh	i3-4370T	100	3.3GHz	512KB	4MB	C0	35	HDGraphics4600	7821v19.zip
Core i3	Haswell Refresh	i3-4370	100	3.8GHz	512KB	4MB	C0	54	HDGraphics4600	7821v18.zip
Core i3	Haswell Refresh	i3-4360T	100	3.2GHz	512KB	3MB	C0	35	HDGraphics4600	7821v18.zip
Core i3	Haswell Refresh	i3-4360	100	3.7GHz	512KB	4MB	C0	54	HDGraphics4600	7821v17.zip
Core i3	Haswell Refresh	i3-4350T	100	3.1GHz	512KB	4MB	C0	35	HDGraphics4600	7821v17.zip
Core i3	Haswell Refresh	i3-4350	100	3.6GHz	512KB	4MB	C0	24	HDGraphics4600	7821v17.zip
Core i3	Haswell Refresh	i3-4170T	100	3.2GHz	512KB	3MB	C0	35	HDGraphics4400	7821v19.zip

Processor ↕	Core Name ↕	CPU No ↕	FSB ↕	CPU Speed ↕	L2 ↕	L3 ↕	Stepping ↕	Wattage ↕	GPU ↕	Result ↕
Core i3	Haswell Refresh	i3-4170	100	3.7GHz	512KB	3MB	C0	54	HDGraphics4400	7821v19.zip
Core i3	Haswell Refresh	i3-4160T	100	3.1GHz	512KB	3MB	C0	35	HDGraphics4400	7821v18.zip
Core i3	Haswell Refresh	i3-4160	100	3.6GHz	512KB	3MB	C0	54	HDGraphics4400	7821v18.zip
Core i3	Haswell Refresh	i3-4150T	100	3.0GHz	512KB	3MB	C0	35	HDGraphics4400	7821v17.zip
Core i3	Haswell Refresh	i3-4150	100	3.5GHz	512KB	3MB	C0	54	HDGraphics4400	7821v17.zip
Pentium	Haswell Refresh	G3470	100	3.6GHz	512KB	3MB	C0	53	HDGraphics	7821v19.zip
Pentium	Haswell Refresh	G3460T	100	3.0GHz	512KB	3MB	C0	35	HDGraphics	7821v19.zip
Pentium	Haswell Refresh	G3460	100	3.5GHz	512KB	3MB	C0	53	HDGraphics	7821v18.zip
Pentium	Haswell Refresh	G3450T	100	2.9GHz	512KB	3MB	C0	35	HDGraphics	7821v18.zip
Pentium	Haswell Refresh	G3450	100	3.4GHz	512KB	3MB	C0	53	HDGraphics	7821v17.zip
Pentium	Haswell Refresh	G3440T	100	2.8GHz	512KB	3MB	C0	35	HDGraphics	7821v17.zip

Processor ↕	Core Name ↕	CPU No ↕	FSB ↕	CPU Speed ↕	L2 ↕	L3 ↕	Stepping ↕	Wattage ↕	GPU ↕	Result ↕
Pentium	Haswell Refresh	G3440	100	3.3GHz	512KB	3MB	C0	53	HDGraphics	7821v17.z ip
Pentium	Haswell Refresh	G3260T	100	2.9GHz	512KB	3MB	C0	35	HDGraphics	7821v19.z ip
Pentium	Haswell Refresh	G3260	100	3.3GHz	512KB	3MB	C0	53	HDGraphics	7821v19.z ip
Pentium	Haswell Refresh	G3258	100	3.2GHz	512KB	3MB	C0	53	HDGraphics	7821v18.z ip
Pentium	Haswell Refresh	G3250T	100	2.8GHz	512KB	3MB	C0	35	HDGraphics	7821v18.z ip
Pentium	Haswell Refresh	G3250	100	3.2GHz	512KB	3MB	C0	53	HDGraphics	7821v18.z ip
Pentium	Haswell Refresh	G3240T	100	2.7GHz	512KB	3MB	C0	35	HDGraphics	7821v17.z ip
Pentium	Haswell Refresh	G3240	100	3.1GHz	512KB	3MB	C0	53	HDGraphics	7821v17.z ip
Celeron	Haswell Refresh	G1850	100	2.9GHz	512KB	2MB	C0	53	HDGraphics	7821v17.z ip
Celeron	Haswell Refresh	G1840T	100	2.5GHz	512KB	2MB	C0	35	HDGraphics	7821v17.z ip
Celeron	Haswell Refresh	G1840	100	2.8GHz	512KB	2MB	C0	53	HDGraphics	7821v17.z ip

Processor ↑↓	Core Name ↑↓	CPU No ↑↓	FSB ↑↓	CPU Speed ↑↓	L2 ↑↓	L3 ↑↓	Stepping ↑↓	Wattage ↑↓	GPU ↑↓	Result ↑↓
Xeon	Haswell Refresh	E3-1286L v3	100	3.2GHz	1MB	8MB	C0	65	HDGraphicsP4 700	7821v17.z ip
Xeon	Haswell Refresh	E3-1286 v3	100	3.7GHz	1MB	8MB	C0	84	HDGraphicsP4 700	7821v17.z ip
Xeon	Haswell Refresh	E3-1281 v3	100	3.7GHz	1MB	8MB	C0	82	N/A	7821v17.z ip
Xeon	Haswell Refresh	E3-1276 v3	100	3.6GHz	1MB	8MB	C0	84	HDGraphicsP4 600	7821v17.z ip
Xeon	Haswell Refresh	E3-1275L v3	100	2.7GHz	1MB	4MB	C0	45	HDGraphics	7821v17.z ip
Xeon	Haswell Refresh	E3-1271 v3	100	3.6GHz	1MB	8MB	C0	80	N/A	7821v17.z ip

Processor ↕	Core Name ↕	CPU No ↕	FSB ↕	CPU Speed ↕	L2 ↕	L3 ↕	Stepping ↕	Wattage ↕	GPU ↕	Result ↕
Xeon	Haswell Refresh	E3-1246 v3	100	3.5GHz	1MB	8MB	C0	84	HDGraphicsP4600	7821v17.zip
Xeon	Haswell Refresh	E3-1241 v3	100	3.5GHz	1MB	8MB	C0	80	N/A	7821v17.zip
Xeon	Haswell Refresh	E3-1240L v3	100	2.0GHz	1MB	8MB	C0	25	N/A	7821v17.zip
Xeon	Haswell Refresh	E3-1231 v3	100	3.4GHz	1MB	8MB	C0	80	N/A	7821v17.zip
Xeon	Haswell Refresh	E3-1226 v3	100	3.3GHz	1MB	8MB	C0	84	HDGraphicsP4600	7821v17.zip
Core i7	Haswell	i7-4771	100	3.5GHz	1MB	8MB	C0	84	HDGraphics4600	7821v10.zip
Core i7	Haswell	i7-4770T	100	2.5GHz	1MB	6MB	C0	45	HDGraphics4600	7821v10.zip
Core i7	Haswell	i7-4770S	100	3.1GHz	1MB	6MB	C0	65	HDGraphics4600	7821v10.zip
Core i7	Haswell	i7-4770K	100	3.5GHz	1MB	8MB	C0	84	HDGraphics4600	7821v10.zip
Core i7	Haswell	i7-4770	100	3.4GHz	1MB	8MB	C0	84	HDGraphics4600	7821v10.zip
Core i7	Haswell	i7-4765T	100	2.0GHz	1MB	8MB	C0	35	HDGraphics4600	7821v10.zip

Processor ↕	Core Name ↕	CPU No ↕	FSB ↕	CPU Speed ↕	L2 ↕	L3 ↕	Stepping ↕	Wattage ↕	GPU ↕	Result ↕
Core i5	Haswell	i5-4670T	100	2.3GHz	1MB	6MB	C0	45	HDGraphics4600	7821v10.zip
Core i5	Haswell	i5-4670S	100	3.1GHz	1MB	6MB	C0	65	HDGraphics4600	7821v10.zip
Core i5	Haswell	i5-4670K	100	3.4GHz	1MB	6MB	C0	84	HDGraphics4600	7821v10.zip
Core i5	Haswell	i5-4670	100	3.4GHz	1MB	6MB	C0	84	HDGraphics4600	7821v10.zip
Core i5	Haswell	i5-4570T	100	2.9GHz	512KB	4MB	C0	35	HDGraphics4600	7821v10.zip
Core i5	Haswell	i5-4570S	100	2.9GHz	1MB	6MB	C0	65	HDGraphics4600	7821v10.zip
Core i5	Haswell	i5-4570	100	3.2GHz	1MB	6MB	C0	84	HDGraphics4600	7821v10.zip
Core i5	Haswell	i5-4440S	100	2.8GHz	1MB	6MB	C0	65	HDGraphics4600	7821v11.zip
Core i5	Haswell	i5-4440	100	3.1GHz	1MB	6MB	C0	84	HDGraphics4600	7821v11.zip
Core i5	Haswell	i5-4430S	100	2.7GHz	1MB	6MB	C0	65	HDGraphics4600	7821v10.zip
Core i5	Haswell	i5-4430	100	3.0GHz	1MB	6MB	C0	84	HDGraphics4600	7821v10.zip

Processor ↕	Core Name ↕	CPU No ↕	FSB ↕	CPU Speed ↕	L2 ↕	L3 ↕	Stepping ↕	Wattage ↕	GPU ↕	Result ↕
Core i3	Haswell	i3-4340	100	3.6GHz	512KB	4MB	C0	54	HDGraphics4600	7821v11.zip
Core i3	Haswell	i3-4330T	100	3.0GHz	512KB	4MB	C0	35	HDGraphics4600	7821v11.zip
Core i3	Haswell	i3-4330	100	3.5GHz	512KB	4MB	C0	54	HDGraphics4600	7821v11.zip
Core i3	Haswell	i3-4130T	100	2.9GHz	512KB	3MB	C0	35	HDGraphics4400	7821v11.zip
Core i3	Haswell	i3-4130	100	3.4GHz	512KB	3MB	C0	54	HDGraphics4400	7821v11.zip
Pentium	Haswell	G3430	100	3.3GHz	512KB	3MB	C0	53	HDGraphics	7821v11.zip
Pentium	Haswell	G3420T	100	2.7GHz	512KB	3MB	C0	35	HDGraphics	7821v11.zip
Pentium	Haswell	G3420	100	3.2GHz	512KB	3MB	C0	53	HDGraphics	7821v11.zip
Pentium	Haswell	G3220T	100	2.6GHz	512KB	3MB	C0	35	HDGraphics	7821v11.zip
Pentium	Haswell	G3220	100	3.0GHz	512KB	3MB	C0	53	HDGraphics	7821v11.zip
Celeron	Haswell	G1830	100	2.8GHz	512KB	2MB	C0	65	HDGraphics	7821v11.zip

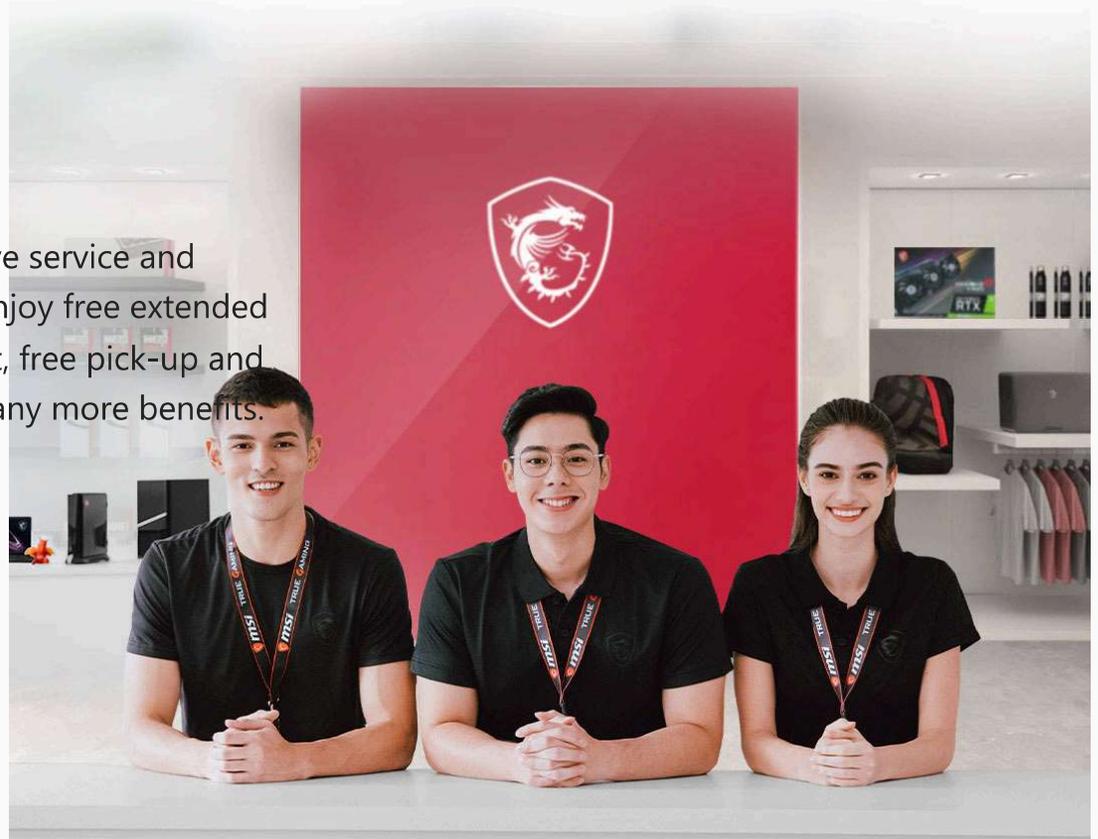
Processor ↕	Core Name ↕	CPU No ↕	FSB ↕	CPU Speed ↕	L2 ↕	L3 ↕	Stepping ↕	Wattage ↕	GPU ↕	Result ↕
Celeron	Haswell	G1820T	100	2.4GHz	512KB	2MB	C0	35	HDGraphics	7821v11.zip
Celeron	Haswell	G1820	100	2.7GHz	512KB	2MB	C0	65	HDGraphics	7821v11.zip
Xeon	Haswell	E3-1285L v3	100	3.1GHz	1MB	8MB	C0	65	HDGraphicsP4 700	7821v16.zip
Xeon	Haswell	E3-1285 v3	100	3.6GHz	1MB	8MB	C0	84	HDGraphicsP4 700	7821v10.zip
Xeon	Haswell	E3-1280 v3	100	3.6GHz	1MB	8MB	C0	82	N/A	7821v10.zip
Xeon	Haswell	E3-1275 v3	100	3.5GHz	1MB	8MB	C0	84	HDGraphicsP4 600	7821v10.zip
Xeon	Haswell	E3-1270 v3	100	3.5GHz	1MB	8MB	C0	80	N/A	7821v16.zip
Xeon	Haswell	E3-1265L v3	100	2.5GHz	1MB	8MB	C0	45	HDGraphics	7821v11.zip
Xeon	Haswell	E3-1245 v3	100	3.4GHz	1MB	8MB	C0	84	HDGraphicsP4 600	7821v10.zip
Xeon	Haswell	E3-1240 v3	100	3.4GHz	1MB	8MB	C0	80	N/A	7821v16.zip
Xeon	Haswell	E3-1230L v3	100	1.8GHz	1MB	8MB	C0	25	N/A	7821v10.zip

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Xeon	Haswell	E3-1230 v3	100	3.3GHz	1MB	8MB	C0	80	N/A	7821v10.zip
Xeon	Haswell	E3-1225 v3	100	3.2GHz	1MB	8MB	C0	84	HDGraphicsP4600	7821v10.zip
Xeon	Haswell	E3-1220L v3	100	1.1GHz	512KB	4MB	C0	13	N/A	7821v11.zip
Xeon	Haswell	E3-1220 v3	100	3.1GHz	1MB	8MB	C0	80	N/A	7821v11.zip



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