



Graphics

Intel® 82852/82855 Graphics Controller Family

Compare the Intel® 855 Chipset Family with the Intel® 852 Chipset Family

Features	Intel® 855GME Chipset	Intel® 855GM Chipset	Intel® 852GM Chipset	Intel® 852GMV Chipset	Intel® 852GME Chipset
Supported Processor	Pentium® M processor, Mobile Intel® Pentium® 4 processor-M, Mobile Intel® Celeron® processor	Pentium M processor, Mobile Intel Pentium 4 processor-M, Mobile Intel Celeron processor	Mobile Intel Pentium 4 processor-M, Mobile Intel Celeron processor	Mobile Intel Celeron processor	Mobile Intel Pentium 4 processor-M, Mobile Intel Celeron processor
System Bus	400MHz	400MHz	400MHz	400MHz/533MHz	400MHz/533MHz
Graphics Core Frequency	200	200	133	133	266
Intel® Extreme Graphics Technology	X	X	X	X	X
Intel® Hub Architecture	X	X	X	X	X
Maximum Memory Supported	2GB	2GB	1GB	1GB	2GB
Supported Memory Types	DDR 200/266/333	DDR 200/266	DDR 200/266	DDR 200/266	DDR 266/333
Intel® Digital Video Output Interface	X	X	X	X	X
LAN connect interface	X	X	X	X	X
Alert on LAN*	1.0	1.0	1.0	1.0	1.0
Hi-Speed USB 2.0/1.1 (6 ports)	X	X	X	X	X
Ultra ATA/100	X	X	X	X	X
AC'97 Controller	X	X	X	X	X
Image Rotation	X	X	X	X	X
Dynamic Video Memory Technology (DVMT)	64MB	64MB	64MB	64MB	64MB
Zone Rendering 2 Technology	X	X	X	X	X
Intelligent Memory Management (IMM)	X	X	X	X	X
Enhanced Rapid Pixel and Texel Rendering (RPTR)	X	X	X	X	X
Low-power sleep mode	X	X	X	X	X
Intel® Display Power Saving Technology (Intel® DPST) support	X	n/a	n/a	n/a	n/a
Optimized internal clock gating for 3D & display engines (Intel® Display Frequency Graphics Technology)	X	n/a	n/a	n/a	n/a
Dynamic input/output buffer disabling for processor system bus & memory	X	n/a	n/a	n/a	n/a

Note: An "X" indicates that the feature is supported.