Value Desktop Chipsets						
	Intel® 845GV Chipset	Intel® 845PE Chipset	Intel® 845GE Chipset	Intel® 845E Chipset	Intel® 845 Chipset	Intel® 845GL Chipset
HOST	845GV Chipset	845PE Chipset	845GE Chipset	845E Chipset	845 Chipset	845GL Chipset
Target Segment	Value PC	Value PC	Value PC	Value PC	Value PC	Value PC
Processor	Pentium® 4 or Celeron® processor	Pentium® 4 or Celeron® processor	Pentium® 4 or Celeron® processor	Pentium® 4 or Celeron® processor	Pentium® 4 or Celeron® processor	Pentium® 4 or Celeron® processor
Hyper-Threading Technology[1]	Supports HT Technology	Supports HT Technology	Supports HT Technology	Supports HT Technology	No	No
System Bus	533/400 MHz	533/400 MHz	533/400 MHz	533/400 MHz	400MHz	400 MHz
Processor Package	mPGA478	mPGA478	mPGA478	mPGA478	mPGA478	mPGA478
Number Processors	1	1	1	1	1	1
MEMORY CONTROLLER HUB	845GV Chipset	845PE Chipset	845GE Chipset	845E Chipset	845 Chipset	845GL Chipset
Type	82845GV GMCH	82845PE MCH	82845GE GMCH	82845E MCH	82845 MCH	82845GL GMCH
Package	760 FC-BGA	760 FC-BGA	760 FC-BGA	593 FC-BGA	593 FC-BGA 593	760 FC-BGA
MEMORY	845GV Chipset	845PE Chipset	845GE Chipset	845E Chipset	845 Chipset	845GL Chipset
Memory Modules	2 DDR or 2 SDR DIMMs	2 DDR DIMMs	2 DDR DIMMs	2 DDR DIMMs	2 DDR or 3 SDR DIMMs	2 DDR or 2 SDR DIMMs
Memory Type	DDR 333/266/200 SDRAM PC133 SDRAM	DDR 333/266 SDRAM	DDR 333/266 SDRAM	DDR 266/200 SDRAM	DDR 266/200 SDRAM PC133 SDRAM	DDR 266/200, PC133 SDRAM
FSB/Memory Configurations	533/333 533/266 533/200 400/266 400/200 400/133	533/333 533/266 400/266	533/333 533/266 400/266	533/266 533/200 400/266 400/200	400/266 400/200 400/133	400/266 400/200 400/133
Max Memory	2 GB	2 GB	2 GB	2 GB	2 GB DDR 3-GB SDR	2 GB
Mbit Support	512/256/128 Mbit	512/256/128 Mbit	512/256/128 Mbit	512/256/128 Mbit	512/256/128/64 Mbit	512/256/128 Mbit
Error Correction	Non-ECC	Non-ECC	Non-ECC	ECC/Non-ECC	ECC/Non-ECC	Non-ECC
EXTERNAL GRAPHICS	845GV Chipset	845PE Chipset	845GE Chipset	845E Chipset	845 Chipset	845GL Chipset
Interface	N/A	AGP4X (1.5V)	AGP4X (1.5V)	AGP4X (1.5V)	AGP4X (1.5V)	N/A
INTEGRATED GRAPHICS	845GV Chipset	845PE Chipset	845GE Chipset	845E Chipset	845 Chipset	845GL Chipset
Type	Intel® Extreme Graphics	N/A	Intel® Extreme Graphics	N/A	N/A	Intel® Extreme Graphics
Core Speed	266 MHz	N/A	266 MHz	N/A	N/A	200 MHz
Max Dynamic Video Memory	64MB[2] if >=256MB RAM, 32MB if 128 to 255MB RAM	N/A	64MB[2] if >=256MB RAM, 32MB if 128 to 255MB RAM	N/A	N/A	64MB[2] if > 128MB RAM, 32MB if <= 128MB RAM
Zone Rendering	Yes	N/A	Yes	N/A	N/A	Yes
Video / Display Interface	350MHz DAC 2x12bit DVO[3]	N/A	350MHz DAC 2x12bit DVO[3]	N/A	N/A	350MHz DAC 2x12bit DVO[3]

I/O CONTROLLER HUB	845GV Chipset	845PE Chipset	845GE Chipset	845E Chipset	845 Chipset	845GL Chipset
Type	ICH4	Intel® ICH4	ICH4	ICH4	ICH2	ICH4
Package	421 mBGA	421 mBGA	421 mBGA	421 mBGA	360 EBGA	421 mBGA
PCI Masters	6	6	6	6	6	6
PCI Support	PCI 2.2	PCI 2.2	PCI 2.2	PCI 2.2	PCI 2.2	PCI 2.2
IDE	ATA/100 IAA[4]	ATA/100 IAA[4]	ATA/100 IAA[4]	ATA/100 IAA[4]	ATA/100 IAA[4]	ATA/100 IAA[4]
USB	6 ports, USB 2.0	6 ports, USB 2.0	6 ports, USB 2.0	6 ports, USB 2.0	4 ports, USB 1.1	6 ports, USB 2.0
LAN MAC/PNA	Yes	Yes	Yes	Yes	Yes	Yes
AC'97 Digital Circuits	Enhanced 20-bit Audio	Enhanced 20-bit Audio	Enhanced 20-bit Audio	Enhanced 20-bit Audio	Yes	Enhanced 20-bit Audio
I/O Management	SMBus 2.0 / GPIO	SMBus 2.0 / GPIO	SMBus 2.0 / GPIO	SMBus 2.0 / GPIO	SMBus / GPIO	SMBus 2.0 / GPIO

[1]Hyper-Threading Technology requires a computer system with an Intel® Pentium® 4 Processor supporting Hyper-Threading Technology and a HT Technology enabled chipset, BIOS and operating system. Performance will vary depending on the specific hardware and software you use. See www.intel.com/info/hyperthreading for more information including details on which processors support HT Technology.

[2]64MB of Dynamic Video Memory with Intel® Extreme Graphics Driver, version 11.1 or later.

[3]DVO = Intel® Digital Video Output Interface enables connection to TV or flat-panel displays.

[4]Intel® Application Accelerator: Accelerate boot time and disk I/O. Performs best on Pentium® 4 processor platforms.

Intel® processors, chipsets and graphics products may contain design defects or errors known as errata which may cause the product to deviate from published specifications. Current characterized errata are available on request.