

Intel® Desktop Board Matrix

Segment	Intel® Desktop Board D850MD Performance MicroATX		Intel® Desktop Board D850MV Performance ATX			Intel® Desktop Board D845PT Mainstream MicroATX	
Box Prod Code	BOXD850MD	BOXD850MDL	BOXD850MV	BOXD850MVL	BOXD850MVSE	BOXD845PT	BOXD845PTL
10-pack Product Code	BLKD850MD KD850MDPAK10	BLKD850MDL KD850MDLPAK10	BLKD850MV KD850MVPK10	BLKD850MVL KD850MVLPAK10	Not Applicable	BLKD845PT KD845PTPAK10	BLKD845PTL KD845PTLPAK10
Processor Support	Intel® Pentium® 4 processor 478-pin package	Intel® Pentium® 4 processor 478-pin package	Intel® Pentium® 4 processor 478-pin package	Intel® Pentium® 4 processor 478-pin package	Intel® Pentium® 4 processor 478-pin package	Intel® Pentium® 4 processor 478-pin package	Intel® Pentium® 4 processor 478-pin package
Supported FSB	400 MHz	400 MHz	400 MHz	400 MHz	400 MHz	400 MHz	400 MHz
Chipset	Intel® 850 chipset	Intel® 850 chipset	Intel® 850 chipset	Intel® 850 chipset	Intel® 850 chipset	Intel® 845 chipset	Intel® 845 chipset
Graphics	none	none	none	none	none	none	none
AGP Connector	AGP 2X/4X (1.5V only)	AGP 2X/4X (1.5V only)	AGP 2X/4X (1.5V only)	AGP 2X/4X (1.5V only)	AGP 2X/4X (1.5V only)	AGP 2X/4X (1.5V only)	AGP 2X/4X (1.5V only)
Memory Type	PC600/800 RDRAM*	PC600/800 RDRAM*	PC600/800 RDRAM*	PC600/800 RDRAM*	PC600/800 RDRAM*	DDR SDRAM	DDR SDRAM
Max Memory	2 GB	2 GB	2 GB	2 GB	2 GB	2 GB	2 GB
Memory Slots	4	4	4	4	4	2	2
Slots	3 PCI, 1 CNR	3 PCI	5 PCI, 1 CNR	5 PCI	5 PCI	3 PCI, 1 CNR	3 PCI
Audio	Integrated AC'97 Audio	Integrated AC'97 Audio	Integrated AC'97 Audio	Integrated AC'97 Audio	Integrated AC'97 Audio	Integrated AC'97 Audio	Integrated AC'97 Audio
USB Ports	4 Back/2 Front/ 1 to CNR (USB 1.1)	4 Back/2 Front (USB 1.1)	4 Back/2 Front/ 1 to CNR (USB 1.1)	4 Back/2 Front (USB 1.1)	2 Back/2 Front/ 1 to CNR (USB 2.0)**	4 Back/2 Front/ 1 to CNR (USB 1.1)	4 Back/2 Front (USB 1.1)
HDD	ATA/66/100	ATA/66/100	ATA/66/100	ATA/66/100	ATA/66/100	ATA/66/100	ATA/66/100
On-Board LAN	none	Intel® PRO/100 Network Connection	none	Intel® PRO/100 Network Connection	none	none	Intel® PRO/100 Network Connection
Software	<ul style="list-style-type: none"> • Intel® Express Installer • SoundMAX® with SPX • Norton® Internet Security* • Intel® Active Monitor • NTI CD-Maker® 2000 • RealPlayer® Basic and RealJukebox® Basic • Macromedia® Shockwave® • DFX® to enhance MP3* playback in Realplayer* 	<ul style="list-style-type: none"> • Intel® Express Installer • SoundMAX® with SPX • Norton® Internet Security* • Intel® Active Monitor • NTI CD-Maker® 2000 • RealPlayer® Basic and RealJukebox® Basic • Macromedia® Shockwave® • DFX® to enhance MP3* playback in Realplayer* 	<ul style="list-style-type: none"> • Intel® Express Installer • SoundMAX® with SPX • Norton® Internet Security* • Intel® Active Monitor • NTI CD-Maker® 2000 • RealPlayer® Basic and RealJukebox® Basic • Macromedia® Shockwave® • DFX® to enhance MP3* playback in Realplayer* 	<ul style="list-style-type: none"> • Intel® Express Installer • SoundMAX® with SPX • Norton® Internet Security* • Intel® Active Monitor • NTI CD-Maker® 2000 • RealPlayer® Basic and RealJukebox® Basic • Macromedia® Shockwave® • DFX® to enhance MP3* playback in Realplayer* 	<ul style="list-style-type: none"> • Intel® Express Installer • SoundMAX® with SPX • Norton® Internet Security* • Intel® Active Monitor • NTI CD-Maker® 2000 • RealPlayer® Basic and RealJukebox® Basic • Macromedia® Shockwave® • DFX® to enhance MP3* playback in Realplayer* 	<ul style="list-style-type: none"> • Intel® Express Installer • SoundMAX® with SPX • Norton® Internet Security* • Intel® Active Monitor • NTI CD-Maker® 2000 • RealPlayer® Basic and RealJukebox® Basic • Macromedia® Shockwave® • DFX® to enhance MP3* playback in Realplayer* 	<ul style="list-style-type: none"> • Intel® Express Installer • SoundMAX® with SPX • Norton® Internet Security* • Intel® Active Monitor • NTI CD-Maker® 2000 • RealPlayer® Basic and RealJukebox® Basic • Macromedia® Shockwave® • DFX® to enhance MP3* playback in Realplayer*
Warranty	3 year limited warranty	3 year limited warranty	3 year limited warranty	3 year limited warranty	3 year limited warranty	3 year limited warranty	3 year limited warranty





Intel® Desktop Board D845BG
Mainstream ATX



Intel® Desktop Board D845HV
Mainstream MicroATX



Intel® Desktop Board D845WN
Mainstream ATX

Segment	Intel® Desktop Board D845BG Mainstream ATX			Intel® Desktop Board D845HV Mainstream MicroATX		Intel® Desktop Board D845WN Mainstream ATX	
Box Prod Code	BOXD845BG	BOXD845BGL	BOXD845BGSE	BOXD845HV	BOXD845HVL	BOXD845WN	BOXD845WNL
10-pack Product Code	BLKD845BG KD845BGPAK10	BLKD845BGL KD845BGLPAK10	BLKD845BGSE KD845BGSEPAK10	BLKD845HV KD845HVPK10	BLKD845HVL KD845HVLPAK10	BLKD845WN KD845WNPAPK10	BLKD845WNL KD845WNLPAK10
Processor Support	Intel® Pentium® 4 processor 478-pin package	Intel® Pentium® 4 processor 478-pin package	Intel® Pentium® 4 processor 478-pin package	Intel® Pentium® 4 processor 478-pin package	Intel® Pentium® 4 processor 478-pin package	Intel® Pentium® 4 processor 478-pin package	Intel® Pentium® 4 processor 478-pin package
Supported FSB	400 MHz	400 MHz	400 MHz	400 MHz	400 MHz	400 MHz	400 MHz
Chipset	Intel® 845 chipset	Intel® 845 chipset	Intel® 845 chipset	Intel® 845 chipset	Intel® 845 chipset	Intel® 845 chipset	Intel® 845 chipset
Graphics	none	none	none	none	none	none	none
AGP Connector	AGP 2X/4X (1.5V only)	AGP 2X/4X (1.5V only)	AGP 2X/4X (1.5V only)	AGP 2X/4X (1.5V only)	AGP 2X/4X (1.5V only)	AGP 2X/4X (1.5V only)	AGP 2X/4X (1.5V only)
Memory Type	DDR SDRAM	DDR SDRAM	DDR SDRAM	PC133 SDRAM	PC133 SDRAM	PC133 SDRAM	PC133 SDRAM
Max Memory	2 GB	2 GB	2 GB	3 GB	3 GB	3 GB	3 GB
Memory Slots	2	2	2	3	3	3	3
Slots	6 PCI, 1 CNR	6 PCI	5 PCI, 1 CNR	3 PCI, 1 CNR	3 PCI	6 PCI, 1 CNR	6 PCI
Audio	Integrated AC'97 Audio	Integrated AC'97 Audio	Integrated AC'97 Audio	Integrated AC'97 Audio	Integrated AC'97 Audio	Integrated AC'97 Audio	Integrated AC'97 Audio
USB Ports	4 Back/2 Front/1 to CNR (USB 1.1)	4 Back/2 Front (USB 1.1)	2 Back/2 Front/1 to CNR (USB 2.0)**	4 Back/2 Front/1 to CNR (USB 1.1)	4 Back/2 Front (USB 1.1)	4 Back/2 Front/1 to CNR (USB 1.1)	4 Back/2 Front (USB 1.1)
HDD	ATA/66/100	ATA/66/100	ATA/66/100	ATA/66/100	ATA/66/100	ATA/66/100	ATA/66/100
On-Board LAN	none	Intel® PRO/100 Network Connection	none	none	Intel® PRO/100 Network Connection	none	Intel® PRO/100 Network Connection
Software	<ul style="list-style-type: none"> •Intel® Express Installer •SoundMAX® with SPX •Norton® Internet Security* •Intel® Active Monitor •NTI CD-Maker® 2000 •RealPlayer® Basic and RealJukebox® Basic •Macromedia® Shockwave* •DFX® to enhance MP3* playback in Realplayer* 	<ul style="list-style-type: none"> •Intel® Express Installer •SoundMAX® with SPX •Norton® Internet Security* •Intel® Active Monitor •NTI CD-Maker® 2000 •RealPlayer® Basic and RealJukebox® Basic •Macromedia® Shockwave* •DFX® to enhance MP3* playback in Realplayer* 	<ul style="list-style-type: none"> •Intel® Express Installer •SoundMAX® with SPX •Norton® Internet Security* •Intel® Active Monitor •NTI CD-Maker® 2000 •RealPlayer® Basic and RealJukebox® Basic •Macromedia® Shockwave* •DFX® to enhance MP3* playback in Realplayer* 	<ul style="list-style-type: none"> •Intel® Express Installer •SoundMAX® with SPX •Norton® Internet Security* •Intel® Active Monitor •NTI CD-Maker® 2000 •RealPlayer® Basic and RealJukebox® Basic •Macromedia® Shockwave* •DFX® to enhance MP3* playback in Realplayer* 	<ul style="list-style-type: none"> •Intel® Express Installer •SoundMAX® with SPX •Norton® Internet Security* •Intel® Active Monitor •NTI CD-Maker® 2000 •RealPlayer® Basic and RealJukebox® Basic •Macromedia® Shockwave* •DFX® to enhance MP3* playback in Realplayer* 	<ul style="list-style-type: none"> •Intel® Express Installer •SoundMAX® with SPX •Norton® Internet Security* •Intel® Active Monitor •NTI CD-Maker® 2000 •RealPlayer® Basic and RealJukebox® Basic •Macromedia® Shockwave* •DFX® to enhance MP3* playback in Realplayer* 	<ul style="list-style-type: none"> •Intel® Express Installer •SoundMAX® with SPX •Norton® Internet Security* •Intel® Active Monitor •NTI CD-Maker® 2000 •RealPlayer® Basic and RealJukebox® Basic •Macromedia® Shockwave* •DFX® to enhance MP3* playback in Realplayer*
Warranty	3 year limited warranty	3 year limited warranty	3 year limited warranty	3 year limited warranty	3 year limited warranty	3 year limited warranty	3 year limited warranty



Segment	Intel® Desktop Board D850GB Performance ATX		Intel® Desktop Boards D815EEA and D815EPEA Mainstream/Value ATX			Intel® Desktop Board D815EFV Mainstream/Value MicroATX	Intel® Desktop Board D815EGEW Value MicroATX	
Box Prod Code	BOXD850GBC	BOXD850GBCAL	BOXD815EEA2U	BOXD815EEA2LU	BOXD815EPEA2U	BOXD815EFVLU	BOXD815EGEWU	BOXD815EGEWLU
10-pack Product Code	BLKD850GBC KD850GBCPAK10	BLKD850GBCAL KD850GBCALPAK10	BLKD815EEA2U KD815EEA2UPAK10	BLKD815EEA2LU KD815EE2LUPAK10	BLKD815EPEA2U KD815EPE2UPAK10	BLKD815EFVLU KD815EFVLUPAK10	BLKD815EGEWU KD815EGEWUPAK10	BLKD815EGEWLU KD815EGELUPAK10
Processor Support	Intel® Pentium® 4 processor 423-pin OLGA	Intel® Pentium® 4 processor 423-pin OLGA	Intel® Pentium® III and Celeron™ PGA 370 processors—Universal	Intel® Pentium® III and Celeron™ PGA 370 processors—Universal	Intel® Pentium® III and Celeron™ PGA 370 processors—Universal	Intel® Pentium® III and Celeron™ PGA 370 processors—Universal	Intel® Pentium® III and Celeron™ PGA 370 processors—Universal	Intel® Pentium® III and Celeron™ PGA 370 processors—Universal
Supported FSB	400 MHz	400 MHz	66/100/133 MHz	66/100/133 MHz	66/100/133 MHz	66/100/133 MHz	66/100/133 MHz	66/100/133 MHz
Chipset	Intel® 850 chipset	Intel® 850 chipset	Intel® 815E chipset	Intel® 815E chipset	Intel® 815EP chipset	Intel® 815E chipset	Intel® 815EG chipset	Intel® 815EG chipset
Graphics	none	none	Intel Integrated Graphics	Intel Integrated Graphics	none	Intel Integrated Graphics	Intel Integrated Graphics	Intel Integrated Graphics
AGP Connector	AGP 2X/4X (1.5V only)	AGP 2X/4X (1.5V only)	Universal AGP connector	Universal AGP connector	Universal AGP connector	Universal AGP connector	no	no
Memory Type	PC600/800 RDRAM*	PC600/800 RDRAM*	PC100/PC133 SDRAM	PC100/PC133 SDRAM	PC100/PC133 SDRAM	PC100/PC133 SDRAM	PC100/PC133 SDRAM	PC100/PC133 SDRAM
Max Memory	2 GB	2 GB	512 MB	512 MB	512 MB	512 MB	512 MB	512 MB
Memory Slots	4	4	3	3	3	3	2	2
Slots	5 PCI, 1 CNR	5 PCI	5 PCI, 1 CNR	5 PCI	5 PCI, 1 CNR	3 PCI	4 PCI	4 PCI
Audio	none	Integrated AC'97 Audio	Integrated AC'97 Audio	Integrated AC'97 Audio	Integrated AC'97 Audio	Integrated AC'97 Audio	Integrated AC'97 Audio	Integrated AC'97 Audio
USB Ports	2 Back/2 Front (USB 1.1)	2 Back/2 Front (USB 1.1)	4 Back (USB 1.1)	4 Back/2 Front (USB 1.1)	4 Back (USB 1.1)	4 Back/2 Front (USB 1.1)	2 Back (USB 1.1)	2 Back (USB 1.1)
HDD	ATA/66/100	ATA/66/100	ATA/66/100	ATA/66/100	ATA/66/100	ATA/66/100	ATA/66/100	ATA/66/100
On-Board LAN	none	Intel® PRO/100 Network Connection	none	Intel® PRO/100 Network Connection	none	Intel® PRO/100 Network Connection	none	Intel® PRO/100 Network Connection
Software	<ul style="list-style-type: none"> •Intel® Express Installer •Norton® Internet Security* •Intel® Active Monitor •NTI CD-Maker® 2000 •RealPlayer® Basic and RealJukebox® Basic •Macromedia® Shockwave* •DFX® to enhance MP3* playback in Realplayer* 	<ul style="list-style-type: none"> •Intel® Express Installer •SoundMAX® with SPX •Norton® Internet Security* •Intel® Active Monitor •NTI CD-Maker® 2000 •RealPlayer® Basic and RealJukebox® Basic •Macromedia® Shockwave* •DFX® to enhance MP3* playback in Realplayer* 	<ul style="list-style-type: none"> •Intel® Express Installer •SoundMAX® with SPX •Norton® Internet Security* •Intel® Active Monitor •NTI CD-Maker® 2000 •RealPlayer® Basic and RealJukebox® Basic •Macromedia® Shockwave* •DFX® to enhance MP3* playback in Realplayer* 	<ul style="list-style-type: none"> •Intel® Express Installer •SoundMAX® with SPX •Norton® Internet Security* •Intel® Active Monitor •NTI CD-Maker® 2000 •RealPlayer® Basic and RealJukebox® Basic •Macromedia® Shockwave* •DFX® to enhance MP3* playback in Realplayer* 	<ul style="list-style-type: none"> •Intel® Express Installer •SoundMAX® with SPX •Norton® Internet Security* •Intel® Active Monitor •NTI CD-Maker® 2000 •RealPlayer® Basic and RealJukebox® Basic •Macromedia® Shockwave* •DFX® to enhance MP3* playback in Realplayer* 	<ul style="list-style-type: none"> •Intel® Express Installer •SoundMAX® with SPX •Norton® Internet Security* •Intel® Active Monitor •NTI CD-Maker® 2000 •RealPlayer® Basic and RealJukebox® Basic •Macromedia® Shockwave* •DFX® to enhance MP3* playback in Realplayer* 	<ul style="list-style-type: none"> •Intel® Express Installer •SoundMAX® with SPX •Norton® Internet Security* •NTI CD-Maker® 2000 •RealPlayer® Basic and RealJukebox® Basic •Macromedia® Shockwave* •DFX® to enhance MP3* playback in Realplayer* 	<ul style="list-style-type: none"> •Intel® Express Installer •SoundMAX® with SPX •Norton® Internet Security* •NTI CD-Maker® 2000 •RealPlayer® Basic and RealJukebox® Basic •Macromedia® Shockwave* •DFX® to enhance MP3* playback in Realplayer*
Warranty	3 year limited warranty	3 year limited warranty	3 year limited warranty	3 year limited warranty	3 year limited warranty	3 year limited warranty	3 year limited warranty	3 year limited warranty

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