

INTEL PROCESSOR UPGRADES

Deskpro					
MODEL	SOCKET PINS	CONFIGURATION CODE	INTEL DX2™ OVERDRIVE	INTEL DX4™ OVERDRIVE	PENTIUM® OVERDRIVE
590, 575, 5100, 5133, 5120	320	HSE, HGL, HSZ, HTA, HSF, HSG, GSG, HSY, HSH, GSH, HMW, HMX, HKW, HMY, GMW, HNX, GMX, GNX, GMY, HSC, HSY, HSJ, GSJ, GKW, HSX, GSX, HSI, GSI, GSY, HTL, HTW, HWU, HWT, HWY, GTL	N/A	N/A	PDOP150 ³
466, 450	238	HKR, HKS, HKQ, HKT, HKU, HKV, HLE, HLF	ODP66, ODPR66	ODP100, ODPR100	²
4/25	168	HAI	ODP50, ODPR50	N/A	N/A

Deskpro i					
MODEL	SOCKET PINS	CONFIGURATION CODE	INTEL DX2™ OVERDRIVE	INTEL DX4™ OVERDRIVE	PENTIUM® OVERDRIVE
486	238	HFV, HFY, HFZ	ODP66, ODPR66	ODP100, ODPR100	²
486	169	HCR, HEF, HCS, HEG, HCT, HEH, HEC, HED, HEE	ODP66, ODPR66	N/A	N/A
386	169	HEA, HCP, HCQ, HEB	ODP66, ODPR66	N/A	N/A

Deskpro L					
MODEL	SOCKET PINS	CONFIGURATION CODE	INTEL DX2™ OVERDRIVE	INTEL DX4™ OVERDRIVE	PENTIUM® OVERDRIVE
3/33L		HAS	N/A	N/A	N/A
4/33L	168	HAM	ODP66, ODPR66	N/A	N/A
4/50L	168	HBA	N/A	N/A	N/A

² This configuration has not been qualified.

³ P5 Pins 1 & 2 Jumpered. P11 Pins 2 & 3 Jumpered

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Deskpro M					
MODEL	SOCKET PINS	CONFIGURATION CODE	INTEL DX2™ OVERDRIVE	INTEL DX4™ OVERDRIVE	PENTIUM® OVERDRIVE
5/66M	273	HFB	N/A	N/A	²
5/60M	273	HFA	N/A	N/A	²
4/66M	238	HCJ	N/A	ODP100, ODPR100	PODP83
4/50M ⁴	168	HBP	N/A	ODP75, ODPR75	N/A
4/33M ⁴	168	HBN	ODP66, ODPR66 ³	ODP100, ODPR100 ³	N/A
486s/33M	169	HGF	ODP66, ODPR66,	ODP100, ODPR100	N/A
486s/16 486s/25	169	HBL (16mhz), HBM (25MHz)	ODP50, ODPR50	N/A	N/A
386	386	HBR (25mhz), HBV (33MHz)	N/A	N/A	N/A

Deskpro XE					
MODEL	SOCKET PINS	CONFIGURATION CODE	INTEL DX2™ OVERDRIVE	INTEL DX4™ OVERDRIVE	PENTIUM® OVERDRIVE
560	273	HFC	N/A	N/A	²
486	238	HGW, HGX, HGY, HKH	ODP66, ODPR66	ODP100, ODPR100	N/A ⁵

Deskpro XL					
MODEL	SOCKET PINS	CONFIGURATION CODE	INTEL DX2™ OVERDRIVE	INTEL DX4™ OVERDRIVE	PENTIUM® OVERDRIVE
5133	320	HSN	N/A	N/A	²
575, 590, 5100, 5120	320	HRC (120MHz) HPR (100MHz) HHR (90MHz) HPQ (75MHz)	N/A	N/A	
560, 566	273	60MHz HHN 66MHz HHP	N/A	N/A	²
466	238	HHM	N/A	ODP100, ODPR100	²
450	238	HHL	ODP66, ODPR66	ODP100, ODPR100	²

² This configuration has not been qualified.

³ Will not work with assy's 2319-xxx or 2297-xxx.

⁴ Some versions include an ODP-compatible Type 1, 169 pin processor socket while others do not. The recommended solution works in ALL versions. To ensure proper operation only upgrade processor chips rated at the same (or greater) processor bus speed as the original processor should be added to these models.

⁵ Must run in write-through mode which results in no performance increase.

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Presario					
MODEL	SOCKET PINS	CONFIGURATION CODE	INTELDX2™ OVERDRIVE	INTELDX4™ OVERDRIVE	PENTIUM® OVERDRIVE
466	169	HJA	ODP66 ODPR66	ODPR75 ODPR100	N/A
510	169	HLL	ODP50 ODP66	ODP75 ODP100	N/A
772, 774	320	HPU	N/A	N/A	²
972, 974, 978	320	HPW, HPX, HPY	N/A	N/A	PODP125
982	320	HPW, HPX, HPY	N/A	N/A	PODP125
992	320	HQZ	N/A	N/A	²
762, 962	273	HPS, HPT	N/A	N/A	²
940, 942, 944, 948, 954	238	HQC, HQD, HQF, HQG	N/A	ODPR100	PODP83
742, 744, 748	238	HQB	N/A	ODP100, ODPR100	PODP83
720	238	HLV	ODPR50, ODPR66	²	PODP83
724	238	HLU	²	ODPR75, ODPR100	PODP83
920, 924	238	HMB, HMC, HLY, HLZ	ODP66, ODPR66	ODPR100	PODP83
866	238	HHF	N/A	ODPR100	PODP83 ¹
860	238	HKL	ODP66	ODPR100	PODP83 ¹
850	238	HHE	ODP66	ODP100	PODP83 ¹
833	238	HHD	ODP66, ODPR66	ODP100, ODPR100	PODP83 ¹
650	169	HKN	ODP50, ODPR50, ODP66, ODPR66	ODP75, ODPR75, ODP100, ODPR100	N/A
425, 433,	169	HFG, HJA	ODP50, ODP66	ODP75, ODP100	N/A
520	169	HLM	ODP66	ODPR75, ODPR100	N/A
524, 526, 528	169	HQS, HQJ, HHY	²	ODPR75, ODPR100	N/A
625	169	HGT	²	²	N/A
633	169	HGU	ODP50, ODP66	ODP75, ODP100	N/A
660	169	HJE	ODP66, ODPR50	ODPR75, ODPR100	N/A

¹ Confirm that P1 is jumpered 1-2 (CPU cache in write-through mode).

² This configuration has not been qualified.

INTEL PROCESSOR UPGRADES

ProLinea (See next page for Enhanced ProLinea)					
MODEL	SOCKET PINS	CONFIGURATION CODE	INTEL DX2™ OVERDRIVE	INTEL DX4™ OVERDRIVE	PENTIUM® OVERDRIVE
5133, 5120, 5100, 590, 575	320	HMZ, GMZ, HNA, GNA, HNB, GNB, HLD, GLD, HLK, GLK, HNY, GNY, HSD, GSD, HTX, GTX, HTA, GTA, HTN, GTN, HTO, GTO, HTP, GTP, HSF, GSF, HSU, GSU, HTQ, GTQ, HTR, GTR, HSK, GSK	N/A	N/A	PODP150 ³
466, 450	320	HKZ, GKZ, HLB, GLB, HLH, GLH, HKY, GKY, HLA, GLA	ODP66, ODPR66	ODP100, ODPR100	PODP83
MT	238	HHA, HHB, HHC	ODP66, ODPR66	ODP100, ODPR100	PODP83 ¹
4/66	169	HEV, HEW	²	ODPR100	N/A
4/50	169	HET	²	²	N/A
4/50	168	HDV	N/A	²	N/A
4/33 4/33s	169	HER, HEU, HES, HGN, HGP	ODP66, ODPR66	ODP100, ODPR100	N/A
4/33	168	HCW	²	²	N/A
4/25s	169	HEP, HEQ	ODP66, ODPR66	ODP100, ODPR100	N/A
4/25s	169	HCU	²	²	N/A
3/25s 3/25zs		HCU, HCV	N/A	N/A	N/A
Net/1	169	HJB	²	²	N/A

¹ Confirm that P1 is jumpered 1-2 (CPU cache in write-through mode).

² This configuration has not been qualified.

³ P5 Pins 1 & 2 Jumpered. P11 Pins 2 & 3 Jumpered

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ProLinea - Enhanced					
MODEL	SOCKET PINS		INTELDX2™ OVERDRIVE	INTELDX4™ OVERDRIVE	PENTIUM® OVERDRIVE
4/100	238	HKE	N/A	N/A	PODP83 ¹
4/66	238	HKD, HNE	N/A	²	PODP83 ¹
4/50	238	HKC, HND	²	²	PODP83 ¹
4/50s	238	HKB	ODP66, ODPR66	ODP100, ODPR100	PODP83 ¹
4/33s	238	HKA	ODP66, ODPR66	ODP100, ODPR100	PODP83 ¹

¹ Confirm that P1 is jumpered 1-2 (CPU cache in write-through mode).

² This configuration has not been qualified.