

Intel Processor Upgrades

Deskpro					
Model	Socket Pins	Configuration Code	Intel®dx2™ Overdrive	Intel®dx4™ Overdrive	Pentium® Overdrive
4/25	168	HAJ	ODP50, ODPR50	N/A	N/A
466, 450	238	HKR, HKS, HKQ, HKT, HKU, HKV, HLE, HLF	ODP66, ODPR66	ODP100, ODPR100	¹
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 ²

Deskpro i					
Model	Socket Pins	Configuration Code	Intel®dx2™ Overdrive	Intel®dx4™ Overdrive	Pentium® Overdrive
386	169	HEA, HCP, HCQ, HEB	ODP66, ODPR66	N/A	N/A
486	238	HFW, HFY, HFZ	ODP66, ODPR66	ODP100, ODPR100	¹
486	169	HCR, HEF, HCS, HEG, HCT, HEH, HEC, HED, HEE	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

¹ This configuration has not been qualified.

² 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
386	386	HBR (25 MHz), HBV (33 MHz)	N/A	N/A	N/A
4/33M ³	168	HBN	ODP66, ODPR66 ²	ODP100, ODPR100 ²	N/A
4/50M ³	168	HBP	N/A	ODP75, ODPR75	N/A
4/66M	238	HCJ	N/A	ODP100, ODPR100	PODP83
486s/16 486s/25	169	HBL (16 MHz), HBM (25 MHz)	ODP50, ODPR50	N/A	N/A
486s/33M	169	HGF	ODP66, ODPR66,	ODP100, ODPR100	N/A
5/60M	273	HFA	N/A	N/A	¹
5/66M	273	HFB	N/A	N/A	¹

Deskpro XE					
Model	Socket Pins	Configuration Code	Intel®dx2™ Overdrive	Intel®dx4™ Overdrive	Pentium® Overdrive
486	238	HGW, HGX, HGY, HKH	ODP66, ODPR66	ODP100, ODPR100	N/A ⁴
560	273	HFC	N/A	N/A	¹

Deskpro XL					
Model	Socket Pins	Configuration Code	Intel®dx2™ Overdrive	Intel®dx4™ Overdrive	Pentium® Overdrive
450	238	HHL	ODP66, ODPR66	ODP100, ODPR100	¹
466	238	HHM	N/A	ODP100, ODPR100	¹
560, 566	273	60MHz HHN 66MHz HHP	N/A	N/A	¹
575, 590, 5100, 5120	320	HRC (120MHz) HPR (100MHz) HHR (90MHz) HPQ (75MHz)	N/A	N/A	
5133	320	HSN	N/A	N/A	¹

¹ This configuration has not been qualified.

² Will not work with assemblies 2319-xxx or 2297-xxx.

³ 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.

⁴ Must run in write-through mode which results in no performance increase.

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Presario					
Model	Socket Pins	Configuration Code	Intel®dx2™ Overdrive	Intel®dx4™ Overdrive	Pentium® Overdrive
425, 433,	169	HFG, HJA	ODP50, ODP66	ODP75, ODP100	N/A
466	169	HJA	ODP66, ODP66	ODPR75, ODP100	N/A
510	169	HLL	ODP50, ODP66	ODP75, ODP100	N/A
520	169	HLM	ODP66	ODPR75, ODP100	N/A
524, 526, 528	169	HQS, HQJ, HHY	²	ODPR75, ODP100	N/A
625	169	HGT	²	²	N/A
633	169	HGU	ODP50, ODP66	ODP75, ODP100	N/A
650	169	HKN	ODP50, ODP66, ODP66, ODP66	ODP75, ODP75, ODP100, ODP100	N/A
660	169	HJE	ODP66, ODP50	ODPR75, ODP100	N/A
720	238	HLV	ODPR50, ODP66	²	PODP83
724	238	HLU	²	ODPR75, ODP100	PODP83
742, 744, 748	238	HQB	N/A	ODP100, ODP100	PODP83
762, 962	273	HPS, HPT	N/A	N/A	²
772, 774	320	HPU	N/A	N/A	²
833	238	HHH	ODP66, ODP66	ODP100, ODP100	PODP83 ¹
850	238	HHE	ODP66	ODP100	PODP83 ¹
860	238	HKL	ODP66	ODPR100	PODP83 ¹
866	238	HHF	N/A	ODPR100	PODP83 ¹
920, 924	238	HMB, HMC, HLY, HLZ	ODP66, ODP66	ODPR100	PODP83
940, 942, 944, 948, 954	238	HQC, HQD, HQF, HQG	N/A	ODPR100	PODP83
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

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

² This configuration has not been qualified.

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ProLinea (see table below for Enhanced ProLinea)					
Model	Socket Pins	Configuration Code	Inteldx2™ Overdrive	Inteldx4™ Overdrive	Pentium® Overdrive
3/25s 3/25zs		HCU, HCV	N/A	N/A	N/A
4/25s	169	HEP, HEQ	ODP66, ODPR66	ODP100, ODPR100	N/A
4/25s	169	HCU	2	2	N/A
4/33	168	HCW	2	2	N/A
4/33 4/33s	169	HER, HEU, HES, HGN, HGP	ODP66, ODPR66	ODP100, ODPR100	N/A
4/50	169	HET	2	2	N/A
4/50	168	HDV	N/A	2	N/A
4/66	169	HEV, HEW	2	ODPR100	N/A
466, 450	320	HKZ, GKZ, HLB, GLB, HLH, GLH, HKY, GKY, HLA, GLA	ODP66, ODPR66	ODP100, ODPR100	PODP83
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
MT	238	HHA, HHB, HHC	ODP66, ODPR66	ODP100, ODPR100	PODP83 ¹
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

ProLinea (Enhanced)					
Model	Socket Pins	Configuration Code	Inteldx2™ Overdrive	Inteldx4™ Overdrive	Pentium® Overdrive
4/33s	238	HKA	ODP66, ODPR66	ODP100, ODPR100	PODP83 ¹
4/50	238	HKC, HND	2	2	PODP83 ¹
4/50s	238	HKB	ODP66, ODPR66	ODP100, ODPR100	PODP83 ¹
4/66	238	HKD, HNE	N/A	2	PODP83 ¹
4/100	238	HKE	N/A	N/A	PODP83 ¹

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

² This configuration has not been qualified.