

Deskpro EP & SB

System Boards	Assembly	Spare Part
System Board	008312-101	332857-001
System Board	009635-101	166813-001

Configuration (008312, 009635)

Jumper	Function	Setting	Description
E50	Clear CMOS *	1-2 2-3	To clear CMOS, move jumper from pins "1-2" to pins "2-3" for 30 seconds. Then, return jumper to original location.

* Power must be disconnected. Unplug AC power cord prior to clearing CMOS.

SW1, Speed Settings (008312, 009635)

66MHz bus	100MHz bus	S2	S3	S4	S5
233	350	OFF	OFF	ON	ON
266	400	ON	ON	OFF	ON
300	450	ON	OFF	OFF	ON
333	500	OFF	ON	OFF	ON

SW1, Password and Power Settings (008312, 009635)

S1 Password Control	S6 Power Switch
Disable Password = ON	Aux Power Supply on, Main Power Supply on = ON
Enable Password = OFF (Default)	Aux Power Supply on, Main Power Supply off = OFF

Keyboard Light Combinations for FailSafe Boot Block

Num Lock	Caps Lock	Scroll Lock	Meaning and Required Action
OFF	ON	OFF	System requires setup password. Enter the setup password. The light remains on until a valid password is entered.
ON	OFF	OFF	System could not boot from ROMPaq diskette because it is not present, is bad, or drive is not ready. Insert a valid ROMPaq diskette, turn power off and back on.
OFF	OFF	ON	ROM upgrade failed. Try another ROMPaq diskette. If light remains on, contact Compaq Customer Support.
ON	ON	ON	ROM upgrade successfully completed. Turn power off and back on to resume normal operation.

Diagnostic LEDs

Key	Beeps	Meaning and Required Action
Num Lock - Flashing	1 Short, 2 Long	System memory is absent. Ensure that compatible DIMMs are installed in the unit. If so, reseat the modules.
Caps Lock - Flashing	1 Long, 2 Short	Video graphics board is not installed or incorrectly initialized. Clear CMOS, and if the video board is present, remove and reseat.
Scroll Lock - Flashing	2 Long, 1 Short	System initialization failed and the unit cannot boot. The system configuration may be invalid. Clear CMOS and see the configuration label for jumper location and instructions.

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Diagnostic LEDs

Power LED	Meaning
Flashing	The unit is on and power supply is providing power to the system.
Slow-Blinking	The unit is in a low-power state.
Fast-Blinking	Processor-initiated thermal shutdown has occurred.

Configuration Code ¹	Assembly	System Board Spare Part	Form Factor
BYN2 *	008312-101	332857-001	DT
BYN3 *	008312-101	332857-001	DT
BYN4 *	008312-101	332857-001	DT
BYN5 *	008312-101	332857-001	DT
BYN6 *	008312-101	332857-001	DT
BYN7 *	008312-101	332857-001	DT
BYPQ*	008312-101	332857-001	DT
BYP2 *	008312-101	332857-001	DT
BYP3 *	008312-101	332857-001	DT
BYQ3 *	008312-101	332857-001	DT
BYQ4 *	008312-101	332857-001	DT
BYRL*	008312-101	332857-001	DT
BYRM*	008312-101	332857-001	DT
BYRQ*	008312-101	332857-001	DT
BYR3 *	008312-101	332857-001	DT
BYR4 *	008312-101	332857-001	DT
BYNP *	008312-101	332857-001	DT
BYPP *	008312-101	332857-001	DT
BYQP *	008312-101	332857-001	DT
BYRP *	008312-101	332857-001	DT
BZTZ *	008312-101	332857-001	DT
BVD2 **	009635-101	166813-001	DT
BVD3 **	009635-101	166813-001	DT
BVF2 **	009635-101	166813-001	DT
BVF3 **	009635-101	166813-001	DT
BVF4 **	009635-101	166813-001	DT
BVDP **	009635-101	166813-001	DT
BVDS**	009635-101	166813-001	DT
BVFD**	009635-101	166813-001	DT
BVFF**	009635-101	166813-001	DT
BVFP **	009635-101	166813-001	DT
BYQN**	009635-101	166813-001	DT
BYRD*	008312-101	332857-001	DT
BYRH*	008312-101	332857-001	DT
BZGB*	008312-101	332857-001	DT
BZSZ **	009635-101	166813-001	DT
CCJ4**	009635-101	166813-001	DT
CCJ5**	009635-101	166813-001	DT
CCJ7**	009635-101	166813-001	DT
CCJ8**	009635-101	166813-001	DT

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Configuration Code ¹	Assembly	System Board Spare Part	Form Factor
CCJD**	009635-101	166813-001	DT
CCJF**	009635-101	166813-001	DT
CCJG**	009635-101	166813-001	DT
CCJH**	009635-101	166813-001	DT
CCJJ**	009635-101	166813-001	DT
CCJK**	009635-101	166813-001	DT
CCJM**	009635-101	166813-001	DT
CCJN**	009635-101	166813-001	DT
CCJP**	009635-101	166813-001	DT
CCJQ**	009635-101	166813-001	DT
CCJV**	009635-101	166813-001	DT
CCJY**	009635-101	166813-001	DT
CCK4**	009635-101	166813-001	DT
CCK5**	009635-101	166813-001	DT
CCKB**	009635-101	166813-001	DT
CCKC**	009635-101	166813-001	DT
CCKD**	009635-101	166813-001	DT
CCKF**	009635-101	166813-001	DT
CCKP**	009635-101	166813-001	DT
CCL4**	009635-101	166813-001	DT
CCL5**	009635-101	166813-001	DT
CCL6**	009635-101	166813-001	DT
CCLB**	009635-101	166813-001	DT
CCLC**	009635-101	166813-001	DT
CCLD**	009635-101	166813-001	DT
CCLP**	009635-101	166813-001	DT
CCPC*	008312-101	332857-001	DT
CCR2*	008312-101	332857-001	DT
CCR3*	008312-101	332857-001	DT
CCR4*	008312-101	332857-001	DT
CCR5*	008312-101	332857-001	DT
CCRB*	008312-101	332857-001	DT
CCRD*	008312-101	332857-001	DT
CCRF*	008312-101	332857-001	DT
CCRG*	008312-101	332857-001	DT
CCRH*	008312-101	332857-001	DT
CCRJ*	008312-101	332857-001	DT
CCRK*	008312-101	332857-001	DT
CCRL*	008312-101	332857-001	DT
CCRM*	008312-101	332857-001	DT
CCRN*	008312-101	332857-001	DT
CCRP*	008312-101	332857-001	DT
CCRQ*	008312-101	332857-001	DT
CCP2*	008312-101	332857-001	DT
CCP3*	008312-101	332857-001	DT
CCP4*	008312-101	332857-001	DT
CCP5*	008312-101	332857-001	DT

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Configuration Code ¹	Assembly	System Board Spare Part	Form Factor
CCPP*	008312-101	332857-001	DT
CFZZ*	008312-101	332857-001	DT
CFZZ**	009635-101	166813-001	DT
CJFB*	008312-101	332857-001	DT
CMQB**	009635-101	166813-001	DT
CMQC**	009635-101	166813-001	DT

Small Business Config Codes ¹	Assembly	System Board Spare Part	Form Factor
BYS2 **	009635-101	166813-001	MT
BYS3 **	009635-101	166813-001	MT
BYT2 **	009635-101	166813-001	MT
BYV2 *	008312-101	332857-001	MT
BYV3 *	008312-101	332857-001	MT
BZC2 *	008312-101	332857-001	DT
BZD2 *	008312-101	332857-001	MT
BZD3 *	008312-101	332857-001	MT
BZF2 *	008312-101	332857-001	DT
BZG2 *	008312-101	332857-001	MT
BZG3 *	008312-101	332857-001	MT
BZH2 *	008312-101	332857-001	DT

¹ Configuration codes are used to ID which system a particular spare part is used in. One asterisk (*) in the system column indicates 66MHz systems. Two asterisks (**) indicate 100MHz systems. The system ID asterisks are repeated in the Configuration Code column in the table above and the SMB table below.

Microprocessors	Configuration Code	Spare Part
266/66	BYN2, 3, 4, 5, 6, 7, P	332858-001
266/66 w/ Heat Sink	BYP2, 3, P	332862-001
300/66 w/ Heat Sink	BYQ3, 4, P	166881-001
300A/66 w/ Heat Sink	CCR2, 3,4,5,P	356136-001
333/66 w/ Heat Sink	BYR3, 4, P	166887-001
333A/66 w/ Heat Sink	CCP2,3,4,5,P	356082-001
333/66 w/ Heat Sink		179184-001
350/100 w/ Heat Sink		166874-001
366/66 128K w/ Heat Sink & Cover, Celeron		103253-001
400/66 128K w/ Heat Sink & Cover, Celeron		402126-001
400/100 w/ Heat Sink		166882-001
450/100 w/ Heat Sink		167032-001

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Memory	Assembly	Spare Part	System
16 MB DIMM, 66MHz	278030-002	278066-001	*
32 MB DIMM, 66 MHz	278031-002	278067-001	*
64 MB DIMM, 66 MHz, SDRAM	270859-002	278095-001	*
128 MB DIMM, 66 MHz, SDRAM	270858-001	278096-001	**
32 MB DIMM, 100 MHz	323011-001	166890-001	**
64 MB DIMM, 100 MHz	323012-001	179190-001	**
64 MB DIMM, 100 MHz, ECC	323016-001	166967-001	**
16 MB DIMM, 100 MHz, SDRAM	323010-001	166969-001	**
128 MB DIMM, 100 MHz, SDRAM	323013-001	166966-001	**
16 MB DIMM, 100 MHz, SDRAM, ECC	323014-001	166964-001	**
32 MB DIMM, 100 MHz, SDRAM, ECC	323015-001	166968-001	**
128 MB DIMM, 100 MHz, SDRAM, ECC	323017-001	166965-001	**
2 MB SODIMM, SGRAM, ATI	314024-002	166971-001	* **
4 MB SODIMM, SGRAM, ATI	314025-002	166972-001	* **

One asterisk (*) in the system column indicates 66MHz systems. Two asterisks (**) indicate 100MHz systems.

Miscellaneous	Assembly	Spare Part	System
Speaker	166507-001	247356-001	* **
Speaker, 5 Watt	356027-001	167029-001	* **
Mouse	141649-006	166861-001	* **
Intellimouse		317863-001	* **
Keyboard	294318-006	166984-001	* **
Keyboard	166516-006	269513-001	* **
Power Switch Kit		166925-001	* **
Fan Assy, 90MM	166809-001	166922-001	* **

CD-ROM Drive	Assembly	Spare Part	System
CD-ROM, 24X, Tray	166832-701	166869-001	* **
CD-ROM, 32X		327659-001	**
CD-ROM, DVD	328104-701	167031-001	**

Controller Boards ¹	Assembly	Spare Part	System
Graphics, Rage Pro, AGP	008061-001	166871-001	* **
Graphics, Rage Pro, 2X	334134-001	334170-001	* **
Graphics, ATI, Rage Pro, IIC	332836-002	332865-001	*
Graphics, Matrox	332887-002	328011-001	*
Graphics, Matrox	356018-002	167033-001	**
Graphics, Matrox G100	356007-001	328011-001	* **
NIC, PCI, 10/100, WOL, OEM		323553-001	**
NIC, PCI, 10/100	179159-001	179167-001	**
Audio Board	009868-001	356081-001	* **
Audio Board, ESS 1869	009666-001	332859-001	* **

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Hard Drives	Assembly	Spare Part	System
2.1 GB, UATA	262475-002	332861-001	*
3.2 GB, UDMA		332866-001	*
3.2 GB, UDMA	314026-001	166873-001	* **
4.3 GB, UATA	314027-001	327646-001	* **
4.3 GB, UATA	317879-001	331928-001	* **
5.1 GB, ATA		166872-001	* **
6.4 GB, IDE		166973-001	* **
8.1 GB, UDMA		166981-001	* **
10 GB, UDMA	356038-001	320662-001	**

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33.6/56Kbps Data (SMB)

Country	Assembly	Spare Part	System
U.S.	294913-001	294912-001	SMB

Diskette Drives

	Spare Part	System
1.44 MB, 1"	179161-001	All

Cables

	Assembly	Spare Part	System
Power Cable/Switch Kit		166925-001	All
Cable Kit, Misc.		166879-001	All
UATA HD/CD ROM Cable	270847-001	278296-001	All
Cable Assy, NIC, Wake Up		166974-001	All

ROM Information

	System
686 T1	66 MHz
686 T2	100 MHz

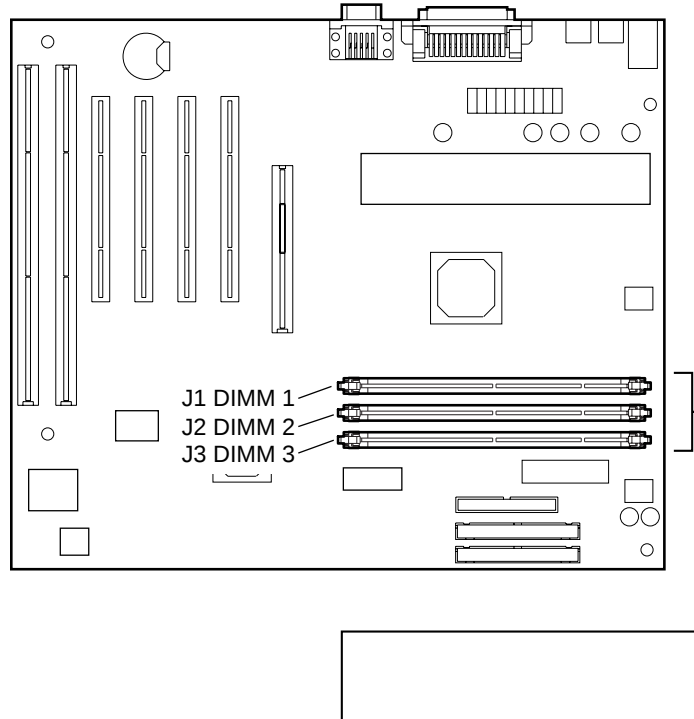
Power Supply/Battery

	Assembly	Spare Part	System
Power Supply, 200 W	308356-001	166814-001	All
Power Supply, 145 W	332829-001	332863-001	All
Battery, 3V, Lithium, CR2032	298031-001	234556-001	All

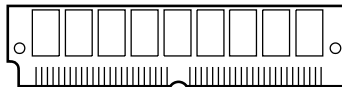
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Memory Upgrade Chart

I/O BOARD (16 MB)
008312-101 (66 MHz)
009635-101 (100 MHz)
2-DIMM board (non-ECC memory only) not shown



MAXIMUM MEMORY = 256 MB (66MHz SYSTEMS), and 384 MB (100MHz SYSTEMS)



16-MB (SDRAM) DIMMS 66MHz, - OPTION PN 242803-B21
32-MB (SDRAM) DIMMS 66MHz, - OPTION PN 242804-B21
64-MB (SDRAM) DIMMS 66MHz, - OPTION PN 242805-B21
128-MB (SDRAM) DIMMS 66MHz, - OPTION PN 270812-B21

16-MB (SDRAM) ECC DIMMS 100MHz, - OPTION PN 166615-B21
32-MB (SDRAM) ECC DIMMS 100MHz, - OPTION PN 166616-B21
64-MB (SDRAM) ECC DIMMS 100MHz, - OPTION PN 166617-B21
128-MB (SDRAM) ECC DIMMS 100MHz, - OPTION PN 166618-B21