

HP Vectra VLi 8SF PC

Models and Accessories

| Product Number | Hard Drive | Video Controller | Std. RAM | Multimedia | LAN | OS ¹ |
|--|------------|---|---------------------|--------------------------|---------------------------|-----------------|
| Vectra VLi 8SF PC | | | | | | |
| Models with Intel Celeron Processor, PPGA ² package, 66 MHz System Bus Speed, and 128 KB Level 2 Cache Memory | | | | | | |
| HP Vectra VLi 8SF PC 366/66-128 (CPL: 06/99; discontinued 06/99) | | | | | | |
| D7826A/T | 4.3 GB IDE | Integrated Matrox MGA-G200 AGP (8 MB SGRAM fitted, not upgradeable) | 32 MB SDRAM 100 MHz | no | Integrated 3COM 3C905B-TX | W95 |
| HP Vectra VLi 8SF PC 400/66-128 (CPL: 04/99; discontinued 10/99) | | | | | | |
| D7836A/T | 4.3 GB IDE | Integrated Matrox MGA-G200 AGP (8 MB SGRAM fitted, not upgradeable) | 32 MB SDRAM 100 MHz | no | Integrated 3COM 3C905B-TX | W95 |
| D7836T #131 ³ | no | | | | | DOS |
| D7837A/T | 8.4 GB IDE | | 64 MB SDRAM 100 MHz | 24 × Max IDE slim CD-ROM | | W95 |
| HP Vectra VLi 8SF PC 433/66-128 (CPL: 10/99 ►) | | | | | | |
| D8686A | 4.3 GB IDE | Integrated Matrox MGA-G200 AGP (8 MB SGRAM fitted, not upgradeable) | 32 MB SDRAM 100 MHz | no | Integrated 3COM 3C905B-TX | W95 |
| D8687A | 8.4 GB IDE | | 64 MB SDRAM 100 MHz | 24 × Max IDE slim CD-ROM | | |



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|--|------------|---|----------------------|--------------------------|---------------------------|-----------------|--|
| HP Vectra VLi 8SF PC 466/66-128 (CPL: 10/99 ▶) | | | | | | | |
| D8696A/T | 4.3 GB IDE | Integrated Matrox MGA-G200 AGP (8 MB SGRAM fitted, not upgradeable) | 32 MB SDRAM 100 MHz | no | Integrated 3COM 3C905B-TX | W95 | |
| D8697A/T | 8.4 GB IDE | | 64 MB SDRAM 100 MHz | 24 × Max IDE slim CD-ROM | | | |
| HP Vectra VLi 8SF PC 500/66-128 (CPL: 09/99 ▶) | | | | | | | |
| D7867N #G07 ³ | 8.4 GB IDE | Integrated Matrox MGA-G200 AGP (8 MB SGRAM fitted, not upgradeable) | 128 MB SDRAM 100 MHz | 24 × Max IDE slim CD-ROM | Integrated 3COM 3C905B-TX | W95 | |
| D9456A/T | | | 64 MB SDRAM 100 MHz | | | | |
| Vectra VLi 8SF PC | | | | | | | |
| Models with Intel Pentium II Processor, 100 MHz System Bus Speed, and 512 KB Level 2 Cache Memory | | | | | | | |
| HP Vectra VLi 8SF PC 400/100-512 (CPL: 04/99; D7846A/T, D7847N/T and D7848N discontinued 09/99) | | | | | | | |
| D7846A/T | 4.3 GB IDE | Integrated Matrox MGA-G200 AGP (8 MB SGRAM fitted, not upgradeable) | 32 MB SDRAM 100 MHz | no | Integrated 3COM 3C905B-TX | W95 | |
| D7847N/T | 8.4 GB IDE | | 64 MB SDRAM 100 MHz | 24 × Max IDE slim CD-ROM | | | |
| D7848N | | | | no | | | |
| D7848N #G04 ³ | 4.3 GB IDE | | 32 MB SDRAM 100 MHz | | | DOS | |
| D7860A | 4.3 GB IDE | | | | | | |
| D7860A #701 ³ | 6.4 GB IDE | | 64 MB SDRAM 100 MHz | 24 × Max IDE slim CD-ROM | | | |



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|---|------------|---|----------------------|--------------------------|---------------------------|-----------------|
| Vectra VLi 8SF PC | | | | | | |
| Models with Intel Pentium III Processor, 100 MHz System Bus Speed, and 512 KB Level 2 Cache Memory | | | | | | |
| HP Vectra VLi 8SF PC 450/100-512 (CPL: 06/99 ►) | | | | | | |
| D7856A/T | 4.3 GB IDE | Integrated Matrox MGA-G200 AGP (8 MB SGRAM fitted, not upgradeable) | 32 MB SDRAM 100 MHz | no | Integrated 3COM 3C905B-TX | W95 |
| D7857N/T | 8.4 GB IDE | | 64 MB SDRAM 100 MHz | 24 X Max IDE slim CD-ROM | | NT 4.0 WS |
| D7857N #801 ³ | | | | | | W98 |
| D7858N | | | | no | | NT 4.0 WS |
| D7858N #G04 ³ | 6.4 GB IDE | | 128 MB SDRAM 100 MHz | NT 4.0 WS | | |
| D7858N #G05 ³ | 4.3 GB IDE | | 64 MB SDRAM 100 MHz | NT 4.0 WS | | |
| HP Vectra VLi 8SF PC 500/100-512 (CPL: 06/99 ►) | | | | | | |
| D7866A/T | 4.3 GB IDE | Integrated Matrox MGA-G200 AGP (8 MB SGRAM fitted, not upgradeable) | 32 MB SDRAM 100 MHz | no | Integrated 3COM 3C905B-TX | W95 |
| D7867N/T | 8.4 GB IDE | | 64 MB SDRAM 100 MHz | 24 X Max IDE slim CD-ROM | | NT 4.0 WS |
| D7867T #701 ³ | | | 128 MB SDRAM 100 MHz | DVD-ROM | | |
| D9652T | | | 128 MB SDRAM 100 MHz | 24 X Max IDE slim CD-ROM | | |



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|---|--------------|---|----------------------|--------------------------|---------------------------|-----------------|
| HP Vectra VLi 8SF PC 550/100-512 (CPL: 07/99 ▶) | | | | | | |
| D7867N #G07 ³ | 8.4 GB IDE | Integrated Matrox MGA-G200 AGP (8 MB SGRAM fitted, not upgradeable) | 64 MB SDRAM 100 MHz | no | Integrated 3COM 3C905B-TX | W98 |
| D7876A/T | 4.3 GB IDE | | 32 MB SDRAM 100 MHz | no | | W95 |
| D7877N/T | 8.4 GB IDE | | 64 MB SDRAM 100 MHz | 24 × Max IDE slim CD-ROM | | NT 4.0 WS |
| D7877N #G01 ³ | | | 128 MB SDRAM 100 MHz | no | | |
| HP Vectra VLi 8SF PC 600/100-512 (CPL: 11/99 ▶) | | | | | | |
| D9457A/T | 8.4 GB IDE | Integrated Matrox MGA-G200 AGP (8 MB SGRAM fitted, not upgradeable) | 64 MB SDRAM 100 MHz | 24 × Max IDE slim CD-ROM | Integrated 3COM 3C905B-TX | NT 4.0 WS |
| Vectra VLi 8SF PC | | | | | | |
| Models ⁴ with Intel Celeron User Defined Processor, Main Memory, and Hard Disk | | | | | | |
| D7700E (discont. 06/99) | User defined | Integrated Matrox MGA-G200 AGP (8 MB SGRAM fitted, not upgradeable) | User defined | User defined | Integrated 3COM 3C905B-TX | User def. |
| D8970E | | | | | | |

HP Vectra VLi 8SF PC

| Product Number | Hard Drive | Video Controller | Std. RAM | Multimedia | LAN | OS ¹ |
|---|--------------|---|--------------|--------------|---------------------------|-----------------|
| Models ⁴ with Intel Pentium User Defined Processor, Main Memory, and Hard Disk | | | | | | |
| D7850E (discont. 06/99) | User defined | Integrated Matrox MGA-G200 AGP (8 MB SGRAM fitted, not upgradeable) | User defined | User defined | Integrated 3COM 3C905B-TX | User def. |
| D8980E | | | | | | |
| D9621E | | | | | | |
| D9806E | | | | | | |

1. Operating system preloaded on these models, as indicated in the table.
2. PPGA=Plastic Pin Grid Array.
3. Special model.
4. Channel Assembly Program (CAP) models: Processor model, hard disk size, and memory is user defined.

Note

All models have an integrated full-duplex PCI audio controller.

Supported Accessories

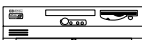
| | |
|---|--------|
| 32-MB kit 32-bit SDRAM, 100 MHz non-ECC main memory module | D6501A |
| 32-MB kit 32-bit SDRAM, 100 MHz non-ECC main memory module (pack of 20) | D6504A |
| 64-MB kit 32-bit SDRAM, 100 MHz non-ECC main memory module | D6502A |
| 64-MB kit 32-bit SDRAM, 100 MHz non-ECC main memory module (pack of 20) | D6505A |
| 128-MB, 32-bit SDRAM, 100 MHz non-ECC main memory module | D6503A |
| 256-MB, 32-bit SDRAM, 100 MHz non-ECC main memory module | D9525A |

Documentation

| | |
|-------------------------|--------|
| User's Guide Manual Kit | D7820A |
|-------------------------|--------|

Input Devices

| | |
|-----------------------------|--------|
| HP Standard Keyboard | C4735A |
| HP Multimedia Keyboard | C4742A |
| HP Standard Mouse | C3751B |
| HP Scrolling Mouse | C4736A |
| HP Cordless Scrolling Mouse | C4740A |



HP Vectra VLi 8SF PC

Monitors

All current HP Monitors (see the *HP Monitors Service Handbook*)

Mass Storage

| | |
|-----------------------|--------|
| 4.3-GB IDE hard disk | D8371A |
| 6.4-GB IDE hard disk | D8372A |
| 8.4-GB IDE hard disk | D8373A |
| 13.5-GB IDE hard disk | D8092A |

Multimedia

| | |
|--|--------|
| Multimedia sound accessory kit (16-bit audio board, cables, and software) - pack of 10 | D5183A |
| 24X Max IDE slim CD-ROM drive | D8381A |
| HP Amplified Speakers - by Labtec 10WRMS | D4545A |
| HP Amplified Speakers - by Labtec 4WRMS | D6861A |
| HP Standard Headset | D8387A |

Data Communications and LAN Adapter Boards

| | |
|---|--------|
| HP 3Com Fast Etherlink 3C905C-TX PCI NIC | D7522A |
| HP 3Com Fast Etherlink 3C905C-TX PCI NIC (pack of 10) | D7523A |

Security

| | |
|--|--------|
| HP Master Pass Key System Kit | D6655A |
| HP Spare Master Pass Key | D6658A |
| HP Locks for Master Pass Key System (pack of 50) | D6659A |
| HP ProtectTools Smart Card Reader Kit | D8436A |

I/O Interfaces

| | |
|-------------------------------|--------|
| HP Adaptec 2940 UW SCSI board | D6951A |
| HP Serial Interface card | D8388A |

Others

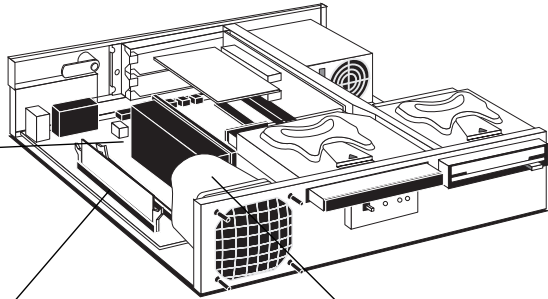
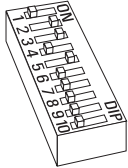
| | |
|---|--------|
| HP floppy bay blank filler panel (pack of 20) | D8386A |
|---|--------|



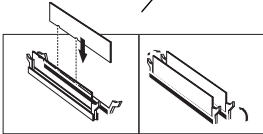
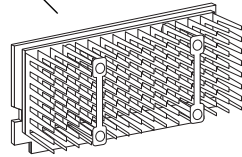
System Board, BIOS, and Memory

System Board

Switches: See the table on the next page.



Processor: Pentium II or Pentium III, SECC2 package, with integrated heatsink and level-2 cache memory.

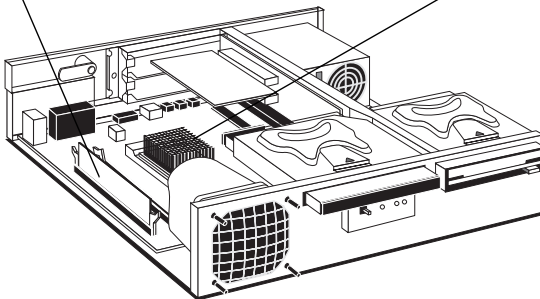
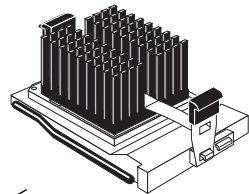


Main Memory:

Two DIMM sockets which support up to a maximum of 512 MB.

Install 32 MB, 64 MB, 128 MB or 256 MB 100 MHz SDRAM modules.

Processor: Celeron PPGA (Plastic Pin Grid Array) package with Zero Insertion Force (ZIF) socket.



System Board Switches

| Switch | | Function | Default |
|--------|-----|---|---------|
| 1 | — | RESERVED — Do Not Use | Off |
| 2 | On | Crash recovery mode: forces booting in the BIOS boot block area | Off |
| | Off | Normal operation | |
| 3 | On | Normal operation (keyboard space-bar power-on enabled) | On |
| | Off | Disables keyboard power- on | |
| 4 | On | Clears User and Administrator passwords | Off |
| | Off | Normal operation | |
| 5 | On | Clears CMOS (to reload the <i>Setup</i> program defaults) | Off |
| | Off | Normal operation | |
| 6-9 | — | Processor frequency, see the following table | — |
| 10 | — | RESERVED — Do Not Use | Off |

| System Frequency ¹ | | Switch | | | |
|-------------------------------|----------------------|--------|-----|-----|-----|
| Bus 100 MHz | Bus 66 MHz | 6 | 7 | 8 | 9 |
| 350 MHz ² | 233 MHz ² | Off | On | Off | On |
| 400 MHz | 266 MHz ² | On | Off | On | On |
| 450 MHz | 300 MHz ² | Off | Off | On | On |
| 500 MHz | 333 MHz ² | On | Off | Off | On |
| 550 MHz ² | 366 MHz | Off | Off | Off | On |
| 600 MHz ² | 400 MHz | On | On | On | Off |
| 650 MHz ² | 433 MHz | Off | On | On | Off |
| N/A | 466 MHz | On | On | Off | Off |

1.

Most processors select system and processor frequency automatically. However some processors require these switch settings.
2.

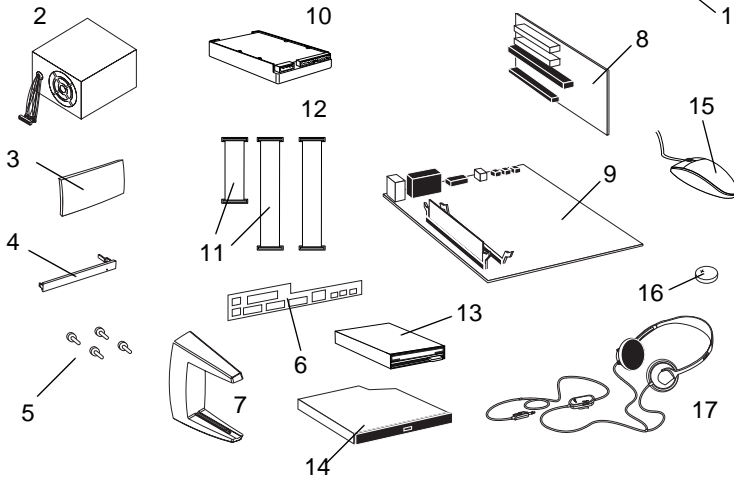
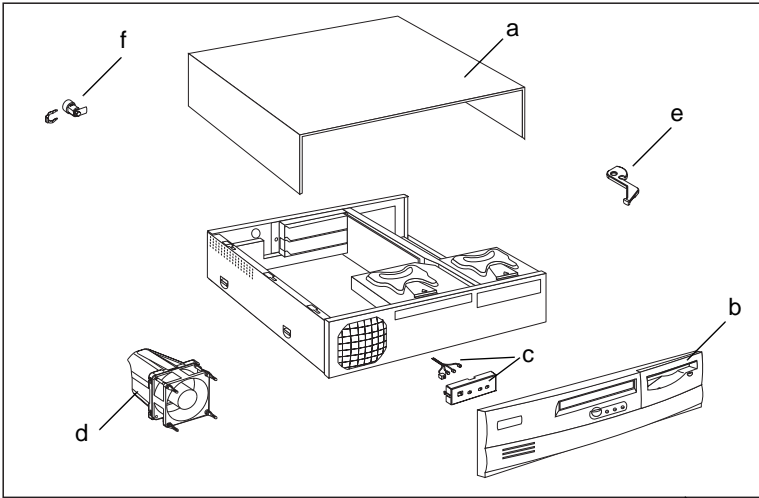
These options are not yet available in any model of the HP Vectra VLi 8 SF at the time of printing. This information is provided for completeness only.

BIOS History

For the latest BIOS, the flasher utility program, and the BIOS history refer to the HP World Wide Web site.

<http://www.hp.com/go/vectrasupport/>

Part Numbers



HP Vectra VLi 8SF PC

Parts List for HP Vectra VLi 8SF PC

| Item | Description | Repl. Part Number | Exchange Part Number |
|------|--|--|---|
| 1 | Chassis assembly: a Top cover assembly b Bezel assembly c Status panel assembly d Airflow guide/fan assembly AFG/fan ass. for PIII 550MHz models e Mini NLX board extractor f Master key lock | 5064-7404 5064-9103 5064-9104 5064-9151 5064-9108 5064-9778 5064-9739 5064-9111 | — |
| 2 | Power supply | 0950-3432 | |
| 3 | FDD filler kit (RFI plate +filler) | 5064-9131 | |
| 4 | CD-ROM drive bay blank filler | 5042-3098 | |
| 5 | HDD screws/washers and RFI retainer kit | 5064-9109 | |
| 6 | Rear bezel | 5064-7500 | |
| 7 | Stand foot assembly | 5064-9105 | |
| 8 | Backplane board with 3COM 10/100BT network controller | 5064-9785 | — |
| 9 | System board | See PC's system board parts list | |
| 10 | IDE hard disk drive ¹ 4.3 GB 8.4 GB 8.4 GB | — — — | D9068-69003 D9069-69003 D9443-69001 |
| 11 | IDE and FDD cable kit | 5064-9137 | — |
| 12 | CD-ROM cable | 5183-9424 | — |
| 13 | Flexible disk drive (bezel-less) | D2035-60391 | — |
| 14 | 24 X Max Slim IDE CD-ROM drive | — | D4383-69091 |
| 15 | Enhanced mouse with scroll/zoom wheel Standard keyboard Standard keyboard (Japan) Multimedia keyboard | C4736-60101 C4735-603xx ² C4732-60324 C4742-601xx ² | — — — — |
| 16 | Battery type CR2032 | 1420-0356 | — |
| 17 | Headphones | 5182-3552 | — |

1. For optional disk drive information, see the Accessory Service Handbook.
2. Where "xx" is the code for your national keyboard (see the *Accessory Service Handbook*).

System Board Parts List for HP Vectra VLi 8SF PC

| Description | Repl. Part Number | Exchange Part Number |
|---|----------------------|-------------------------|
| System board: | | |
| Vectra VLi 8SF system board with 370-pin socket (PGA370) for Intel Celeron 366, 400 and 433 processor | — | D7812-69001 |
| Vectra VLi 8SF system board with 370-pin socket (PGA370) for Intel Celeron 466 | — | D7812-69005 |
| Vectra VLi 8SF system board with SC242 slot connector for Intel Pentium II/III processor | — | D4066-69001 |
| Vectra VLi 8SF system board with SC242 slot connector for Intel Pentium III 550 and 600 | — | D4066-69005 |
| Processors: | | |
| Intel Celeron 366/66 128KB L2 cache | 5064-7495 | — |
| Intel Celeron 400/66 128KB L2 cache | 5064-9130 | — |
| Intel Celeron 433/66 128KB L2 cache | D8117-63001 | — |
| Intel Celeron 466/66 128KB L2 cache | D8118-63001 | — |
| Intel Celeron 500/66 128KB L2 cache | 5065-0477 | — |
| Heat-sink for Intel Celeron 366, 400 and 433 | 1205-0932 | |
| Heat-sink for Intel Celeron 466 and 500 | 1205-1259 | |
| Intel Pentium II 400/100 512KB L2 cache | — | D7945-69001 |
| Intel Pentium III 450/100 512KB L2 cache | — | D7946-69001 |
| Intel Pentium III 500/100 512KB L2 cache | — | D7947-69001 |
| Intel Pentium III 550/100 512KB L2 cache | — | D7948-69001 |
| Intel Pentium III 600/100 512KB L2 cache | D9423-63001 | — |
| Main memory modules: | | |
| 1 × 32-MB, 100 MHz non-ECC SDRAM | D6501-63001 | — |
| 1 × 64-MB, 100 MHz non-ECC SDRAM | D6502-63001 | — |
| 1 × 128-MB, 100 MHz non-ECC SDRAM | — | D6503-69001 |
| 1 × 256-MB, 100 MHz non-ECC SDRAM | — | D9525-69001 |

Software Recovery CD-ROMs

| | |
|---------------------------------------|---------------------------|
| <i>Recovery CD-ROM for Windows NT</i> | 5011-6641-xx ¹ |
| <i>Recovery CD-ROM for Windows 9x</i> | 5011-6691-xx ¹ |

- Where "xx" is the code for your language: CH=Chinese, DA=Danish, DU=Dutch, EN=English, FI=Finnish, FR=French, GR=German, IT=Italian, JP=Japanese, NO-Norwegian, PO=Portuguese, SP=Spanish, SW=Swedish.

Manuals and Documentation for HP Vectra VLi 8SF PC

| | |
|--|------------------------|
| <i>User's Guide</i> | D7820A |
| <i>Troubleshooting and Upgrade Guide</i> | no number ¹ |
| <i>Technical Reference Manual: hardware and BIOS</i> | no number ¹ |

- Electronic file available on HP's Web site.



HP Vectra VLi 8SF PC

Notes:

3

