

# DESKPRO 386/20

| System Boards | Assembly | Spare Part    |
|---------------|----------|---------------|
| 386 System    | 000749   | Not Available |

## System Board Switch Settings (000749)

| 1  | 2    | 3   | 4   | 5   | 6   | 7   | 8   | Function                                                           |
|----|------|-----|-----|-----|-----|-----|-----|--------------------------------------------------------------------|
| ON |      |     |     |     |     |     |     | Reserved                                                           |
|    | OFF* |     |     |     |     |     |     | 387 coprocessor not installed or Weitek board without 387          |
|    | ON   |     |     |     |     |     |     | 387 coprocessor installed on system board or Weitek board with 387 |
|    |      | OFF |     |     |     |     |     | Reserved                                                           |
|    |      |     | ON* |     |     |     |     | CPU boot speed 20 MHz except 8 MHz when accessing diskette drive   |
|    |      |     | OFF |     |     |     |     | CPU boot speed 20 MHz                                              |
|    |      |     |     | OFF |     |     |     | Reserved                                                           |
|    |      |     |     |     | ON* |     |     | Compaq VDU and EGA, compatible EGA, RGBI or VGC                    |
|    |      |     |     |     | OFF |     |     | 3rd-party monochrome (MDA only)                                    |
|    |      |     |     |     |     | ON* | ON* | 640 KB base memory                                                 |
|    |      |     |     |     |     | OFF | OFF | 256 KB base memory                                                 |
|    |      |     |     |     |     | OFF | ON  | 512 KB base memory                                                 |

\* Default.

| Memory Boards      | Assembly                                                | Spare Part |
|--------------------|---------------------------------------------------------|------------|
| 1 MB System Memory | 000752/001103                                           | 113224-001 |
| 4 MB System Memory | 000765                                                  | 113222-001 |
| 4 MB Memory Module | 000758/000993/<br>001166-001/002                        | 113226-001 |
| 1 MB Memory Module | 000762/000981/<br>001076<br>001151-001<br>001256/001259 | 113225-001 |

| Controller Boards          | Assembly      | Spare Part    |
|----------------------------|---------------|---------------|
| ESDI 130/300 *             | WD1007AWAH    | Not Available |
| Tape Adapter *             | 000774        | 113259-001    |
| Multipurpose Hard Drive *  | 000815        | Not Available |
| ESDI External 300/600 *    | 001091        | 115839-001    |
| 15 MHz ESDI Controller *   | 001283/001628 | 121667-001    |
| ESDI/Diskette Controller * | 001472        | 115374-001    |

\* See Volume 2 Appendix, Multiproduct Boards, for settings.

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| Video Boards                                   | Assembly                | Spare Part    |
|------------------------------------------------|-------------------------|---------------|
| Enhanced Color Graphics * ***                  | 000410                  | Not Available |
| Enhanced Color Graphics * ***                  | 000471                  | 109196-001    |
| Video Display Unit (VDU) ***                   | 000031/000160<br>000345 | 101340-001    |
| Video Display Unit (VDU) ***                   | 000525                  | 101340-001    |
| Video Graphics Controller Board (VGC) * ** *** | 000806/001241<br>109360 | 109253-001    |
| Advanced Graphics 1024 ***                     | 109958                  | 114201-001    |
| Advanced Graphics Memory                       | 109959                  | 114202-001    |
| QVision 1024/I Board ***                       | 002163                  | 126655-001    |

\* ECG and VGC require system ROM H or later.

\*\* Required for the Advanced Graphics Color Monitor to display both normal VGA and high-resolution video (single-monitor configuration).

\*\*\* See Volume 2 Appendix, Multiproduct Boards, for settings.

| Miscellaneous               | Assembly | Spare Part    |
|-----------------------------|----------|---------------|
| Serial/Parallel Interface * | 000570   | 106886-001    |
| Serial/Parallel Interface * | 000990   | 106886-001    |
| Weitek/387-20 Board         | 000777   | Not Available |
| 2400-Baud Internal Modem    | 001070   | Not Available |
| 9600/2400 Fax Modem **      |          | 197458-001    |

\* See Volume 2 Appendix, Multiproduct Boards, for settings.

\*\* See Volume 2 Appendix, Modem Configuration Information.

### Hard Drives

| Size                      | Type | Inter-leave | Inte-grated | Min ROM | Spare Part                                                                             | Controller Assembly                  |
|---------------------------|------|-------------|-------------|---------|----------------------------------------------------------------------------------------|--------------------------------------|
| 60 MB <sup>1</sup>        | 47   | 2:1         | Y           | H.8     | Not Available                                                                          | 000815                               |
| 100 MB <sup>1</sup>       | 45   | 1:1         | Y           | H.8     | 142365-001 <sup>3</sup>                                                                | 000815                               |
| 120 MB                    | 50   | 1:1         | Y           | N.1     | 111910-001 <sup>4</sup>                                                                | 000815                               |
| 130 MB                    | 35   | 1:1         | N           | H.8     | Not Available <sup>3</sup><br>111912-001 <sup>4, 5</sup><br>111913-001 <sup>4, 6</sup> | WD1007AWAH                           |
| 300 MB <sup>1</sup>       | 38   | 1:1         | N           | H.8     | Not Available <sup>3</sup><br>111914-001 <sup>4, 5</sup><br>111915-001 <sup>4, 6</sup> | WD1007AWAH                           |
| 320 MB                    | 28   | 1:1         | Y           |         | 111918-001 <sup>4</sup>                                                                | WD1007AWAH                           |
| 340 MB <sup>1,2</sup>     | 28   | 1:1         | Y           | K.2     | 194525-001 <sup>3, 7</sup>                                                             | WD1007AWAH                           |
| Hard Drive Expansion Unit |      |             |             |         |                                                                                        | 001091<br>001283<br>001472<br>001628 |

<sup>1</sup> Requires MS-DOS 3.3 or later.

<sup>4</sup> Europe only.

<sup>2</sup> Formats to 325 MB.

<sup>5</sup> Black bezel.

<sup>3</sup> Except Europe.

<sup>6</sup> Gray bezel.

<sup>7</sup> Contains IDE interface hard drive. If system has two ESDI hard drives, is used in an Expansion Unit or with the Advanced ESDI Controller (WD1009), order 115182-001 hard drive kit.

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| Tape Drives | Spare Part                                          | Tape Cartridge     | Spare Part |
|-------------|-----------------------------------------------------|--------------------|------------|
| 40 MB       | 108081-001 (black bezel)<br>120330-001 (gray bezel) | 40 MB (DC2000)     | 108142-001 |
| 135 MB      | 113218-001 (black bezel)<br>113227-001 (gray bezel) | 135 MB (DC600 XTD) | 113234-001 |
| 150/250 MB  | 115368-001 (black bezel)<br>115367-001 (gray bezel) | 150 MB (DC600 XTD) | 113234-001 |
|             |                                                     | 250 MB (DC6250)    | 115298-001 |

| Diskette Drives | Spare Part                                          |
|-----------------|-----------------------------------------------------|
| 360 KB          | 102928-001 (black bezel)<br>120329-001 (gray bezel) |
| 1.2 MB          | 102775-001 (black bezel)<br>120331-001 (gray bezel) |
| 1.44 MB *       | 113263-001 (black bezel)<br>113264-001 (gray bezel) |

\* Requires MS-DOS Version 3.31 Revision A if installed as drive B, and MS-DOS Version 3.31 Revision B if installed as drive A. Minimum J.4 system ROM required for MS OS/2.

| Cables                                  | Used With                                | Spare Part | Desc.  |
|-----------------------------------------|------------------------------------------|------------|--------|
| Diskette/Tape Signal Cable <sup>1</sup> | All Diskette Drives<br>40-MB Tape Drives | 101380-002 |        |
| Tape Signal Cable                       | 135- and 150-/250-MB<br>Tape Drives      | 113198-001 | 8-inch |
| Mass Storage Power Cable <sup>1</sup>   | All Diskette, Tape and<br>Hard Drives    | 101137-001 |        |
| Hard Drive Signal Cable <sup>1</sup>    | 60-MB Hard Drive                         | 108086-001 |        |
| Hard Drive Signal Cable                 | 60-MB Hard Drive (Dual<br>Drives)        | 108087-001 |        |
| Hard Drive Signal Cable <sup>2</sup>    | 130-MB Hard Drive                        | 100625-005 | 34 Pin |
|                                         | 300-MB Hard Drive                        | 100625-006 | 20 Pin |
| External I/O Cable                      | Expansion Unit                           | 115810-001 |        |
| VGA Pass-Through Cable                  | Advanced Graphics                        | 114229-001 |        |
| Telephone Cable <sup>3</sup>            | Modem                                    | 112666-001 |        |

<sup>1</sup> Part of kit 108146-001. <sup>2</sup> Part of kit 108249-001. <sup>3</sup> U.S. and Canada only.

## Processor/Coprocessor Locations

| Processor (386-20) | Coprocessor (387-20) |
|--------------------|----------------------|
| U52                | U60                  |

## System ROM Locations:

|        |         |
|--------|---------|
| U9 ODD | U8 EVEN |
|--------|---------|

## System ROM Revisions (Spare Part 108283-001)

| Revision | Number on ODD ROM | Number on EVEN ROM |
|----------|-------------------|--------------------|
| H.8      | 113269-008        | 113270-008         |
| J.4      | 109591-001        | 109592-001         |
| K.2      | 109591-003        | 109592-003         |
| M.1      | 109591-004        | 109592-004         |
| N.1      | 109591-005        | 109592-005         |

| Power Supply/Battery | Spare Part                             |
|----------------------|----------------------------------------|
| Power Supply         | 108065-001 - 110V<br>120161-001 - 220V |

Battery

160272-001

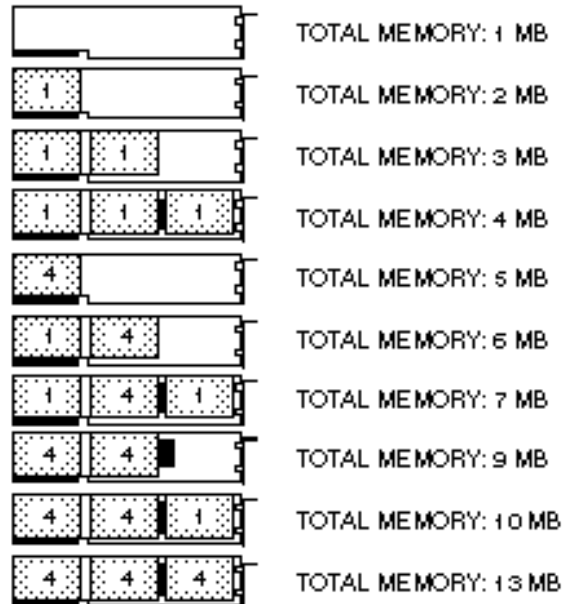
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# **DESKPRO 386/20**

## **MEMORY UPGRADE CHART**

1 MB SYSTEM MEMORY BOARD - SPARE PART NO. 113224-001

1 MB MEMORY MODULE  
SPARE PN 113225-001



**NOTE**  
ADD MEMORY MODULES AS  
SHOWN TO OBTAIN DESIRED  
MEMORY CONFIGURATION

4 MB SYSTEM MEMORY BOARD - SPARE PART NO. 113222-001

4 MB MEMORY MODULE  
SPARE PN 113225-001

