T5200 Series

General Information

Model number: T5200 40MB - PA8050U (FCC ID# CJ69XAE857)
                       T5200 100MB - PA8052U (FCC ID# CJ69XAE857)
                       T5200 200MB - PA8054U (FCC ID# CJ6UT716)
                       T5200C - PA8054UX (FCC ID# CJ6UK836)
Dimensions: 14.6"W x 15.6"D x 3.9"H (T5200C 4.3"H)
Weight: T5200, T5200/100, T5200/200 - 18.7 lbs.
                       T5200C - 18.9 lbs.
Voltage: 115VAC, 1.8A/220VAC, 1.2A auto sensing
Frequency: 50 - 60Hz auto sensing
CPU: 80386-20; 80387-20 coprocessor socket
RAM memory: 2MB standard (640KB conventional; 1.384MB LIM-EMS
3.2 or extended memory)
                       Memory Expandable up to 14MB with optional 2MB and
8MB memory modules
                       (Must have at least one 2MB memory module installed
to use 8MB memory module)
                       32KB of 35ns memory cache
Video RAM: 256KB
Number of keys: 91
Keyboard type: 101-key keyboard compatible
Drives: One 40MB, 100MB, or 200MB hard disk drive
                       One 1.44MB 3.5" floppy disk drive
Operating system included: Toshiba MS-DOS 3.30 or 4.01

Software Compatibility
 Compatible with software written for the IBM PC/XT/AT using CGA, EGA,
 VGA, or T3100/AT&T 6300 640 x 400 high resolution graphics mode

Interfaces
 VGA color video port
 2 RS-232-C serial ports
 Parallel printer/external diskette or tape drive port
 3 Toshiba proprietary memory slots
 2 expansion interface slots (one IBM PC/XT/286 compatible full length
low profile
 16 bit slot, one IBM PC/XT compatible half length low profile 8 bit or
Toshiba
 proprietary "A" form factor slot)

Orange Gas Plasma Display (T5200, T5200/100, T5200/200)
 Display Area: 9.1"W x 6.8"H; 11.5" diagonal
 Resolution: 640 x 480
 Gray scales: 16
 Contrast: 100 : 1

STN-LCD Color Display (T5200C)
 (Refer section 6-1 for more information on Toshiba color STN-LCD
technology)
 Display area: 8.3"W x 6.2"H; 10.4" diagonal
 Resolution: 640 x 480
 Colors: 16
 Contrast: 12 : 1

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3.5" 40MB Hard Disk Drive (T5200)
 Conner Peripherals HDD:   CP-344
 Interface:               IDE
 Average access time:     29ms
 Recording method:        2 - 7 RLL
 TEST3 setup type:        6


or


Conner Peripherals HDD:   CP-3044
 Interface:               IDE
 Average access time:     25ms
 Recording method:        2 - 7 RLL
 TEST3 setup type:        7


3.5" 100MB Hard Disk Drive (T5200)
 Conner Peripherals HDD:  CP-3104 or CP-30104
 Interface:               IDE
 Average access time:     25 ms
 Recording method:        2 - 7 RLL
 TEST3 setup type:        9


3.5" 200MB Hard Disk Drive (T5200, T5200C)
 Conner Peripherals HDD:  CP-3204F
 Interface:               IDE
 Average access time:     16 ms
 Recording method:        2 - 7 RLL
 TEST3 setup type:        13


IBM Compatible Expansion Slots
 1 full length IBM PC/XT/286 compatible low profile 16 bit ISA slot;
 1 half length IBM PC/XT compatible low profile 8-bit ISA slot


  Combined power for both slots:   + 5 V    2.3A
                                   +12 V    0.7A


  Maximum card sizes:
     16-bit long slot   333.502mmL +/- .5mm x 106.68mmW
                        99.06mmW +/- .3mm w/o connector
                        33mmH or 13mmH if short slot used
     8-bit short slot   140mmL x 13mmH, width same as 16 bit


Hardware Switches and Controls
1) Power on/off
   Located on back of computer
2) A/B/PRT switch
   Located on left side of computer
   Computer must be re-booted for switch change to take effect.
   With switch set to "A", external FDD port is accessed as drive A;
internal 3.5" FDD as drive B.
   With switch set to "B", external FDD port is accessed as drive B,
internal 3.5" FDD as drive A.
   Switch is set to "PRT" for parallel printer output.



Environmental Specifications
1) Operating condition
   Ambient temperature:    41 to 95 degrees F.    5 to 35 degrees C.
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    Relative Humidity:      20% to 80% non-condensing
2) Non-Operating condition
   Ambient temperature:     -4 to 140 degrees F.    -20 to 60 degrees C.
   Relative Humidity:      5% to 90% non-condensing


Options & Extra Accessories

 PC10-PA8304U   2MB memory module (no longer manufactured)
 PC-PA8313U     8MB memory module (requires at least one 2MB memory
module) (no longer manufactured)
 PC-PA7438EB    300/1200 bps Hayes compatible modem (no longer
manufactured)
 PC-T24A        2400 bps Hayes compatible Toshiba expansion slot modem
w/serial port
               (no longer manufactured)
 PC-PA5467U     ToshibaLAN 16 bit Ethernet card (no longer manufactured)
 PC-PA5466U     ToshibaLAN 8 bit Ethernet card (IBM/XT compatible 1/2
size card) (no longer
               manufactured)
 PC-PA7225U     5.25" 360KB external FDD with 18VDC adapter
 PC-PA7367E     Floppy Link to 5.25" desktop diskette drive (no longer
manufactured)
 PC-PA722L      TD80 external tape drive (no longer manufactured)
 PC-PA801L      Statpower Prowatt 125 auto adapter
 Contact ASP    100MB hard drive upgrade (Installed by Toshiba Authorized
Service Providers)
 Contact ASP    200MB hard drive upgrade (Installed by Toshiba Authorized
Service Providers)
 PC-PA7310U     Expansion chassis & cable (requires expansion chassis
interface card)
               (no longer manufactured)
 PC-PA7313E     Expansion interface card (Toshiba expansion slot) (no
longer manufactured)
 PC-PA7597E     Fabric carrying case (no longer manufactured)
 PC-PA7598      Leather carrying case (no longer manufactured)
 PR-PA2750U     ExpressWriter 201 portable printer (no longer
manufactured)
 PC10-PA52LCD   STN-LCD color display upgrade
 PC-SW004       Toshiba BASIC 3.30 (no longer manufactured)
 PC-SW008       Toshiba MS-DOS 3.30 (no longer manufactured)
 PC-SW007       Toshiba MS-DOS 4.01 (no longer manufactured)
 PC-SW013       Toshiba MS-DOS 5.0 (no longer manufactured)
 PC-SW015       Toshiba MS-DOS 5.0 (no longer manufactured)
 PC-SW012       Toshiba MS OS/2 operating system 1.21(no longer
manufactured)
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