

Press Release

Toshiba's T4850CT — more colours and a larger screen for the T4-Series of advanced notebooks

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Toshiba has again extended its range of high-powered notebook PCs with the addition of the T4850CT to its award-winning T4-Series. Highlights of the new notebook include a 10.4-inch colour TFT screen showing up to 65,536 colours simultaneously and a new Plug-and-Play compatible BIOS. Using energy-saving 3.3-volt technology and an IntelDX4 75 MHz processor, the T4850CT's performance in, and out, of the office is flawless. When combined with the optional Desk Station IV, the T4850CT creates a complete "one touch" desktop replacement.

"Many users have continued to compromise with a desktop PC in the belief that notebooks couldn't provide the power and functionality they needed in an office situation," says Fumio Yamashita, Toshiba's European Vice President of the IPS Business Group. "With new models, such as the T4850CT, Toshiba continues to expose this as a myth. We provide notebooks that perform equally well in all environments and yet have none of the drawbacks of stationary PCs."

With a capacious 500 MB hard disk drive, 8 MB standard RAM (expandable up to 40 MB) and 16 KB of cache memory, the T4850CT is better equipped for office life than most desktops. Access time to the hard disk is just 12 ms. Battery life for the T4850CT is up to 3.5 hours depending on usage. The whole A4 package weighs just 3.2 kg (7 lb.)

Using "Plug and Play" techniques, it takes just seconds to connect the T4850CT to the optional Desk Station, giving a direct connection to printers, external monitors and keyboards, external hard disk drives and even a CD ROM disk drive. Furthermore, the T4850CT implements "Plug and Play" BIOS support for easy expandability and configuration of add-in

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For more information contact Nigel Fusedale, Tel.: + 49 2131 158265

Toshiba Europa (I.E.) GmbH

Hammfelddamm 8, D-41460 Neuss, Tel.: + 49 2131 15801

Fax: + 49 2131 158558, Tlx 85117926 TOSN D

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cards. This technology allows the T4850CT to handle installation and configuration of Plug-and-Play peripherals for the Desk Station IV automatically without user intervention. Even many standard ISA boards will be automatically configurable in their basic configuration. With Toshiba's "Plug and Play" BIOS, the T4850CT is also ready for future operating systems such as Microsoft's next generation Windows95 and IBM's "mobile" OS/2 3.0 .

In fact, the Desk Station provides a link to every type of peripheral, as well as to future expansion opportunities. The T4850CT also benefits from DualBoot software, which ensures that the computer always knows whether it is connected to the Desk Station or working alone. This eliminates the need for system queries on every re-connection and for time-consuming re-configurations. What's more, with just one system for all types of working environment, users do away with the time-wasting inconvenience of continuously transferring data between systems.

For clear visuals, the T4850CT's 10.4-inch TFT colour screen can display up to an extraordinary 65,536 colours on the internal screen at the resolution 640 x 480. With a 17 ms reaction time, even the most detailed photographs come up sharp and clear superfast. In addition the T4850CT can display 600 x 800 and 1024 x 768 resolutions, each with 256 colours, on external screens.

Multimedia capability is ensured with easy links to external CD ROM drives either via the Desk Station or through a PCMCIA SCSI card. The T4850CT also has a built-in Microsoft Sound System, 16-bit, sound card, as well as an internal speaker and microphone. There is also a connection for an external microphone and headphones/speakers. The sound system is capable of handling both wave and midi formats.

For graphical user interfaces, the T4850CT has a cable-less BallPoint mouse that attaches to the right hand side of the computer. This easy-to-

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use design releases automatically on heavy impact, so there's no danger that the BallPoint can ever break in the mouse socket. Thanks to the integrated mouse software, there's also no need to reboot the computer each time the mouse is connected.

There are 2 PCMCIA 2.0 slots for the complete range of connectivity options. PCMCIA cards open up the range of communications to fax/modems, as well as to other PCs and corporate networks. There's also the option of PCMCIA hard disk cards with capacities soon to exceed 200 MB as well as flash cards for data storage.

"With the T4850CT, Toshiba is offering users not only a powerful notebook with excellent screen size and quality, but also a complete system for the office," says Fumio Yamashita. "No desktop can match this level of flexibility and all round capability."

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T4850CT Specifications

Processor

- IntelDX4,
- 3.3-volt technology
- 75 MHz internal, 25 MHz external clock speed
- 16 KB write-through cache on chip
- Co-processor built-in

Memory

- Standard 8 MB RAM
- Expandable to 40 MB*
- Plug 'n' play BIOS support

Disk drives

- 500 MB hard disk, 12 ms av. access time
- 3.5" 1.44 MB/720 KB diskette drive with media-type checking

Display

- 640 x 480 dot resolution
- Active-matrix TFT colour
- 10.4" (26.4 cm) diagonal

Graphics Adaptor

- VGA/SVGA compatible
- Dual Display mode
- Up to 65,236 colours (64k)
- Colour palette: 231,424 (226k)
- VESA local bus
- BitBIT graphics accelerator

External Video Modes

- 640 x 480, 65,536 colours
- 800 x 600, 256 colours
- 1024 x 768, 256 colours

Keyboard

- 84 sculptured keys
- Standard layout
- 12 function keys
- 8 cursor keys
- Inlaid numeric keypad
- 10 "hot keys"

Interfaces

- Centronics compatible parallel/FDD port
- RS-232 serial port
- PS/2 mouse port
- PS/2 keyboard port
- Analogue VGA port
- 150-pin connector for Desk Station IV
- Microphone jack
- Headphones jack

Expansion

- PCMCIA 2.0 type II slot (5 mm)
- PCMCIA 2.0 type III slot (14.5 mm)
- Desk Station IV (option)
- Credit card format memory expansion

Special Features

- AutoResume™ Mode with AutoSave
- MaxTime™ Power Management with APM
- MousePoint drivers
- QuickRead™ LCD Icons
- Flash BIOS
- MS Windows Sound System (WAV and MIDI support) with int. speaker and microphone
- Kensington cable lock provision

Software included

- MS-DOS 6.2 or higher
- Windows for Workgroups 3.11
- PCMCIA Socket and Card Services software support
- MS Sound System 2.0
- SVGA screen drivers
- All software pre-installed on hard disk

Hardware included

- BallPoint® mouse version 2.0 with QuickPort™
- MS Sound System chip set on motherboard

Power Supply

- Auto-sensing 100-240 V AC adaptor for world-wide usage

Battery

- Rechargeable and removable NiH₂
- Up to 3.5 hours battery life
- Recharges in up to 1.5 hrs

Size

- 297 x 210 x 56 mm (11.7" x 8.3" x 2.2")

Weight

- 3.2 kg (7 lb.)

Options

- Carrying case
- Desk Station IV
- Extra battery packs
- 4, 8 16 and 32 MB memory cards *
- PCMCIA high-speed fax/modem (where approved)
- CryptCard (PCMCIA data encryption card)
- Car adaptor
- Battery charger

* 32 MB memory expansion cards only from third party suppliers

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