Press Release

Toshiba's new T4800CT overhauls the desktops

**Neuss,
8th March 1994**

With the new T4800CT, Toshiba has introduced an advanced notebook that has more power than most desktop PCs. Power, capacity, expandability: whichever way one measures it, the T4800CT is a genuine alternative for anyone who is replacing a desktop PC or buying first time.

"Mobile computing is coming out of the briefcase and taking over the desktop," says Fumio Yamashita, Toshiba's Europa's Vice President of the IPS Business Group. "When you have the option of a T4800CT, with all the power of a clock-tripling IntelDX4™ processor combined and the advantages of size and mobility, the temptation to abandon the desktop fixation will be great."

Out-powering desktops

The T4800CT takes over as the most advanced Toshiba notebook computer to date. Designed to outperform most desktop PCs, the T4800CT's IntelDX4 runs at a prodigious 75 MHz. Power on this scale provides almost unlimited options, from supporting multimedia to enabling users to run the most advanced programs, such as CAD/CAM, database and financial applications, with an ease and speed that will always impress. Things that until now desk-top manufacturers claimed as their unique preserve will now fall to mobility.

The hard disk drive and RAM capacity available on the T4800CT are equally impressive. There's a 500 MB – that's half a gigabyte – hard disk and the RAM stretches from 8 all the way up to 24 MB. That's more than a match for even the most demanding software programs.

Complete expandability

Expandability and upgradability are two key considerations for all PC buyers. The T4800CT offers all the possibilities of two PCMCIA 2.0 slots

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for the very latest in "plug-and-play" expandability. PCMCIA provides industry-standard mobile communication, networking and expansion options in a handy credit card sized format. Back at the office, the Desk Station IV connector provides users with a seamless hook-up to their in-house systems.

Excelling at multimedia

The multimedia capabilities of the T4800CT are genuinely top-of-the-range. From its built-in sound system, including microphone and speaker, to super-fast local-bus video and Windows graphics accelerator, the T4800CT is the ideal mobile multimedia platform: all pre-installed, no expansion cards needed. And then there's the 9.5 inch, 256 colour, active-matrix TFT screen, an ideal complement to the very latest in sound-and-vision technology.

Toshiba hallmarks

As one would expect from the world's foremost mobile computer manufacturer, the Toshiba T4800CT has an excellent all-round build quality and a high standard of ergonomics. The Toshiba QuickRead LCD panel still leads the way in instant status displays; the new Microsoft BallPoint V2.0 direct connect mouse is curved for fatigue-free use; and of course the classic Toshiba 84-key full-sized keyboard for rapid data entry.

Data security has also been designed in. The T4800CT has an integrated security system called MultiSafe that allows up to 4 users with passwords multiple access rights - to HDD, FDD and ports - that can be varied according to the user. Other security features include an instant security "hot key" and a provision for cable lock. As an option users can purchase the PCMCIA-format CryptCard security system which encrypts the hard disk. The T4800CT is covered by Toshiba's 3-year International Warranty valid throughout the industrialised world.

"Toshiba is the only manufacturer that concentrates exclusively on mobile computers", says Fumio Yamashita. "Our faith in this vision is rapidly being

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fulfilled. Very soon it may be difficult to find computers that aren't mobile - even on office desks."

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T4800CT Specifications

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

Memory
- Standard 8 MB RAM
- Expandable to 24 MB

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
- 9.5" diagonal

Graphics Adaptor
- VGA/SVGA compatible
- Dual Display mode
- Up to 256 colours
- Colour palette: 262,144
- VESA local bus
- BitBIT graphics accelerator

External Video Modes
- 640 x 480, 256 colours
- 800 x 600, 256 colours
- 1024 x 768, 256 colours all from 262,144 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
- PCMCIA 2.0 type III slot
- Desk Station IV (option)
- Credit card format memory expansion

Special Features
- AutoResume™ Mode with AutoSave
- MaxTime™ Power Management with Advanced Power Management
- QuickRead™ LCD Icons
- MultiSafe security system
- Flash BIOS
- MS Windows Sound System 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 NiH_2
- Up to 3.5 hours battery life
- Recharges in 1.5 hrs

Size
- 297 x 210 x 56 mm (11.8" x 8.4" x 2.2")

Weight
- 3.1 kg (6.8 lb.)

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