Press Release

T1910 Series is a low-end winner that strengthens Toshiba's position at the top

**Neuss,
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Toshiba has consolidated its position as world-wide market leader in mobile computers with the launch of its new T1910 Series. Combining high-end quality with low-end prices, the T1910 Series makes the Toshiba range even more competitive, offering affordable, full-performance, 33 MHz Intel 486 computing, with a choice of monochrome or STN colour screens .

"The T1910 Series is going to make a very big impact at the bottom end of the market," says Fumio Yamashita, Toshiba's European Vice President of the IPS Business Group. "There's tremendous latent demand for a keenly priced, energy-efficient 486 mobile PC. The T1910 Series comes at just the right time to meet this need: outperforming as well as out-pricing its rivals."

486 performance for better productivity

At the heart of the new T1910 Series is its SL Enhanced Intel 486 SX processor which runs at a clock speed of 33 MHz. Faster than the processors on other machines in its price category, the T1910's i486 CPU is backed up by 4 MB RAM as standard which can be extended to a massive 20 MB - so there's plenty of room for the future. There's also an 8 KB built-in cache.

The T1910 Series comes with either a 120 MB or 200 MB hard disk drive. As programs continue to demand more space, users will need extra storage capacity, so the T1910 also represents a sound investment for the future.

Power-saving technology

The T1910 is designed to consume as little energy as possible, using 3.3 volt chip technology for its SL Enhanced CPU as well as other internal systems such as memory. The T1910's nickel-hydride batteries also offer 30% more power per volume and weight than traditional nickel-cadmium batteries. This technology is backed up by Toshiba's proprietary MaxTime

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Press Release

New T1910 Series strengthens Toshiba's product range

Power Management system which shuts down components when not in use. In addition, the T1910 Series is fitted with the Advanced Power Management system developed by Intel and Microsoft. The combination of these features contributes to the outstanding battery life of up to 4.5 hours on the T1910 Series.

Exceptional displays and graphics accelerator

Toshiba's reputation for high quality screens is underscored in the T1910 Series. The T1910CS comes with a 16 colour, double-scan Advanced STN LCD display, while the T1910 monochrome model has a black-and-white, double-scan Advanced STN LCD display. Both of these new generation screens are 35% faster and offer higher contrast than standard STN screens. All models benefit additionally from an integrated graphics accelerator.

Expandability and good looks to match

The T1910 Series also includes advanced mobile communications and expansion features rarely found on entry-level mobile PCs. The T1910's PCMCIA slot (Type III) offers one of the widest expansion options on the market, covering everything from fax/modems to network adaptor cards and removable hard disk drives. The T1910 Series is also fitted with a full complement of ports, including the innovative QuickPort™ for the Microsoft clip-on BallPoint® Mouse.

All of these internal features are matched by a stylish, rounded design and sliding port covers that make the T1910 smart, sturdy and easy to carry. Weighing just 3.3 kg in its colour version and a mere 2.9 kg in monochrome, they're also light enough to go anywhere. The T1910's casing, made from ABS plastic, is rugged enough for life on the road.

Toshiba - the experts in mobile PCs

The new Toshiba notebooks are delivered with a bundle which is attractive for small and large customers alike. The Microsoft BallPoint® mouse Version 2.0 comes standard and can be connected to the PC using the convenient to use direct-connect port without cable. Drivers with advanced

Press Release

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software to take advantage of Windows' drag-and-drop facilities in combination with the mouse's third button, as well as a demonstration of advanced mouse techniques are all delivered in the package.

Additional drivers to exploit the abilities of the graphics accelerator are also pre-installed, together with Windows 3.1 and DOS 6. To make use of the PCMCIA port as easy as possible, Toshiba is also delivering software written to the Socket and Card Services 2.01 specifications which allows users to take advantage of a wide range of fully PCMCIA-compatible cards already on the European market. This software also supports advanced features such as "hot insertion" – removing one card and inserting another with automatic on-line configuration while the PC is running.

"Industry leadership isn't about a one-off achievement or a short-term competitive edge: it is about being ahead at every point across the range, time after time," says Fumio Yamashita. "No-one can match Toshiba in this respect in the mobile PC arena and now the T1910 Series shows it can offer unrivalled quality at an affordable price even at the low end of the range."

Press Release

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T1910 standard specifications

Processor
- SL Enhanced Intel 486 SX
- 3.3-volt technology
- 33 MHz clock speed
- 8 KB cache on chip

Memory
- Standard 4 MB RAM
- Expandable to 20 MB

Hard disk
- 120 or 200 MB
- Less than 17/12 ms ave. access time

Diskette drive
- 3.5" 1.44 MB/720 KB diskette drive
- Media-type checking

Monochrome display
- 640 x 480 dot resolution
- B/W STN LCD
- 9.5" diagonal

Graphics adaptor
- VGA compatible
- Up to 64 grey scales
- Graphics accelerator

Keyboard
- 84 sculptured keys
- Standard layout
- 12 function keys
- 8 cursor keys
- Inlaid numeric keypad

Interfaces
- Centronics compatible parallel/FDD port
- RS-232 serial port
- PS/2 mouse port
- PS/2 keyboard port
- Analogue VGA port

Expansion
- PCMCIA 2.0 Type III slot
- Credit card format memory expansion

Special features
- AutoResume™ Mode
- MaxTime™ Power Management
- Advanced Power Management
- Flash BIOS

Software and hardware
- MS-DOS 6
- Windows 3.1
- BallPoint® mouse with QuickPort™ connection
- Socket and Card Services PCMCIA software support

Power supply
- Autosensing 100-240 V AC adaptor for world-wide usage

Battery
- Rechargeable and removable NiH_2
- Up to 4.5 hours battery life
- Recharges in 2.3 hrs

Size
- 299 x 215 x 51 mm (11.7" x 8.3 x 2.0")

Weight
- 2.9 kg (6.4 lb.)

Options
- Carrying case
- Extra battery packs
- 4, 8 and 16 MB memory cards
- PCMCIA high-speed data/fax modem (where approved)
- External 5.25" diskette drive

T1910CS variations

Colour display
- Advanced STN LCD
- 9.5" diagonal

Size
- 299 x 215 x 53 mm (11.8 x 8.3 x 2.1")

Graphics adaptor
- 16 colours in VGA
- Up to 256 colours in 320 x 200 modus
- Colour palette: 226,981

Weight
- 3.2 kg (7 lb.)

Battery life
- Up to 3.5 hours
- Recharges in 1.4 hrs