Mobile, Network and Digital Products

Toshiba's mobile devices and personal information/image equipment will lead the ubiquitous network age with the focus on "broadband", "digital" and "wireless". Toshiba aims at creating systems and products for family/individual and office use centering on the customers' needs and based on engineering developed by Toshiba.

26L400V, 32L400V Terrestrial-BS-110°CS Digital Hi-Vision LCD Television, beautiful face

LCD TV model 32L400V, beautiful face

The LCD TV, beautiful face, is a new product equipped with the new digital platform, and not only is the image quality further improved, but the network function is enriched with "Ippatsu-netto", which provides direct access to a home page with the remote controller and "Telebi de Nabi" that enables timer setting for programmed recording using the digital broadcasting electronic program guide.

With their whitish pearl silver color, these TV sets are well designed to suit the room and the interior. The width has been reduced by using an under speaker structure, so when it is placed in a corner in combination with the exclusive TV floor stand (sold separately), it fits neatly into the space of the former 21-inch TV* while giving the enjoyment of a large screen.

Furthermore, as an upgrade service in June, it is planned to provide "Net double window" function, so it will be able to display the TV image and Internet screen at the same time.

LCD: Liquid Crystal Display

*Combination of Toshiba's 21-inch cathode ray tube TV "21ZS17" and TV stand "RL-21CD".

(26L400V, 32L400V, 21ZS17, and RL-21CD are models for the Japanese domestic market.)

RD-XS32 HDD & DVD Recorder

RD-XS32 HDD & DVD recorder

This recorder is equipped with a built-in 80 Gbyte hard disk drive (HDD) and DVD multi-drive that is compatible with DVD-RAM, DVD-R and DVD-RW for Europe.

The HDD holds up to 103 hours of programs*. (Video Recording (VR) mode (DVD-RAM) and Video mode (DVD-R/RW) are available for the recording mode. The VR mode for DVD-RW is only for playback.)

A new "EASYNavigation" screen is equipped, on which the main specifications are gathered and displayed offering problem-free operation even for first time owners and users of this type of machine. "RD engine" that realizes multi-operation during recording is equipped. Various additional functions are also furnished, including DVTerminal, PalProgressivePlayback, etc.

We will endeavor to increase our company share in this ever-expanding market where VCR or DVD player replacement is advancing.

*With a picture quality rate of MN 1.4 mbs and M1 sound mode, the longest continuous recording time per program is 8 hours.

TDP-T90 Series Data Projector

TDP-T90 series data projector

The projector market is seen as an increasing category, the growth ratio is estimated at around 120 to 130% every year. In this projector market, the XGA (1,024×768) and 2,000 lm category is the worldwide leading product of all XGA projectors. Toshiba has introduced a unique new model in this category that will further enhance the innovative image of Toshiba projectors.

Toshiba has developed the new TDP-T90 series (TDP-T90/-T91/-TW90). Key features are as follows:

- XGA/2,000 lm/2,000:1 high contrast ratio (all models)
- NCE (Natural Color Enhance) curcuit for true color image with 3-image mode position, true color/standard/high bright (all models)
- Rich terminal line up (2 RGB in, 4 video in, 3 audio in, 1 RGB out, 1 audio out) (all models)
- New wireless system model available (only TDP-TW90)
  Using IEEE802.11b format wireless LAN technology, the TDP-TW90 allows wireless connection with PC with ready for Power Point ™ animation function. You can make a smart presentation by wireless. Also, you can connect 4 projector units from 1 PC, and smart switch to another presentation after your presentation is over.
- Projection camera model available (only TDP-T91)
  You can use the projector like an OHP using this projection camera, any thing, e.g. documents/photos/newspapers/samples can be projected up on the big screen. The camera can also be used at a separate location from the projector, so TDP-T91 expands the flexibility of camera use.
- Auto set up button: with auto-keystone correction
  Pressing this button causes the projector to set itself up in the optimum adjustment for the PC and projection conditions.
- Easy GUI (Graphical User Interface) menu system for adjustment of each projector setting

"Power Point" is a registered trademark of Microsoft Corporation in the U.S. and/or other countries.

Basic specifications (all models)

Device	0.7-inch DMD panel
Brightness	2,000 lm
Contrast ratio	2,000:1
Weight	2.8 kg (TDP-T90), 2.9 kg (TDP-TW90), 3.7 kg (TDP-T91)
Lamp	216 / 200 / 160 W (3 modes)
Lamp life	3,000 h (lamp low mode)
Operation noise level	32 dB (lamp low mode)
Input terminal	2 RGB (2 D-sub15 pin), 1 Composite video (RCA), 1 S-video (S terminal), 2 Component video (D-sub 15 pin common with RGB), 3 audio (2 Mini jack, 2 RCA (L/R))
Output terminal	1 RGB (D-sub15 pin), 1 audio (Mini jack)
Control terminal	1 RS232C (Mini Din 9 pin)

DMD: Digital Micromirror Device

gigabeat® G5/G22/G40 Digital Audio Player

gigabeat® digital audio player

The digital audio player series "gigabeat® G5/G22/G40", all based on an integrated 1.8-inch hard disk drive (HDD), will be launched with 5 Gbyte* (G5), 20 Gbyte (G22) and 40 Gbyte (G40) capacities. The "gigabeat® G5" and "gigabeat® G22" will be launched on the Japanese market in July, and the "gigabeat® G40" will follow in September, all at open prices.

Toshiba's gigabeat® digital audio players are small enough to slip into a shirt pocket, but hefty enough to carry a whole library of songs and to provide music for all moods and occasions. The new 5 Gbyte model has the capacity to store some 1,250 four-minute music tracks recorded at 128 kbps in the WMA or MP3 formats, while the 20 Gbyte model and flagship 40 Gbyte model have approximate capacities of 5,000 and 10,000 tracks, respectively.

Each new model will offer striking color variations. "gigabeat® G5" will be available in whitish silver, along with special limited editions in crystal blue and sunset orange; "gigabeat® G22" will also offer a whitish silver version and a limited edition in burning red; the "gigabeat® G40" will be launched in two colors, sparkling gray and a limited edition in deep turquoise.

WMA: Windows® Media Audio
MP3 : Moving Picture Experts Group 1 audio layer 3

*at 1 Gbyte = 1 billion bytes

PORTÉGÉ™ M200 Tablet PC

PORTÉGÉ™ M200 tablet PC

The PORTÉGÉ™ M200 builds on the success of the PORTÉGÉ™ 3500 offering advanced wireless connectivity with Intel® Centrino™ mobile technology and a dual axis accelerometer, which allows the user to automatically rotate the screen to the proper angle by using the rotation button. With enhanced design and system performance, the PORTÉGÉ™ M200 offers users a more intuitive interface and a natural, practical way of working with their computer.

Designed to encompass a flexible range of desktop usage scenarios, the PORTÉGÉ™ M200 offers an optional Tablet Multi Dock that gives the user the option of setting their tablet PC in a comfortable, natural position for writing on the screen while at their desk.

The PORTÉGÉ™ M200 is powered by the 12.1-inch high-resolution 1,400×1,050 (SXGA+) display and NVIDIA® GeForce™ FX Go5200 graphics controller with 32 Mbyte of dedicated DDR (Double Data Rate) memory. These components provide rich graphics to power your daily office tasks and other applications that require powerful graphic support such as developing interactive multimedia presentations, creating Web design content or video editing.

Other enhancements of the PORTÉGÉ™ M200 include pen-enabled programmable buttons, which allow users to launch an application simply with the touch of a pen. In addition, the PORTÉGÉ™ M200 features a zooming utility tool where one-touch magnification allows users to focus in on icons, toolbars, fonts and more for greater viewability.

"Intel" is the registered trademark of Intel Corporation and "Centrino" is the trademark of Intel Corporation.

"NVIDIA" is a registered trademark of NVIDIA Corporation.

"GeForce" is a trademark of NVIDIA Corporation.

TECRA™ M2 Notebook PC

TECRA™ M2 notebook PC

Toshiba has developed the TECRA™ M2, a lightweight (approx. 2.26 kg (approx. 4.98 lbs)) and stylish notebook PC designed for corporate and small-to-medium sized business customers who demand mobility and connectivity without sacrificing performance.

The TECRA™ M2 features an Intel® Pentium® M processor, a vivid 14.1-inch display and NVIDIA® GeForce™ FX Go5200 graphics controller, offering TECRA™ M2 customers high-performance graphics for displaying detailed designs and high-powered presentations in the office, on the road and everywhere in between.

The TECRA™ M2 also has optional Bluetooth™ capabilities, 10/100/1000 Base-TX Ethernet LAN and IEEE1394 Firewire port if the user chooses the 64 Mbyte VRAM option model.

With the option of a high-capacity 12-cell battery and the Slim SelectBay battery, mobile professionals can enjoy up to 11.5 hours of battery life maximizing productivity with extended hours of mobile use.

"Intel" and "Pentium" are registered trademarks of Intel Corporation or its subsidiaries.

"Bluetooth" is a trademark owned by Bluetooth SIG, Inc., U.S.A.

Strata™ CTX28 Business Telephone System

Strata™ CTX28 business telephone system

Toshiba has developed the Strata™ CTX28 targeting the small size system market. Releasing the Strata™ CTX28 high cost performance system in a market that is extremely competitive in terms of size and price where approximately 10 telephone terminals are required even by a small independent firm, SOHO (Small Office Home Office), small businesses, etc. forming a part of Toshiba business telephone system solutions covering small to medium sized systems.

In addition to the caller identification (CLID) and voice mail feature to enhance business productivity, the optional LAN interface enables CTI (Computer Telephony Integration) and remote maintenance via PSTN (Public Switched Telephone Network) and the Internet.

Utilization of reliable micro-ITRON (Industrial The Real time Operating System Nucleus) OS allowed us to draw out the optimum performance from the existing software and hardware assets of our business telephone system and it was possible to dramatically reduce the cost and time required for development. Furthermore, a number of LSIs have been integrated into a newly developed ASIC (Application Specific Integrated Circuit) achieving a low cost system.

e-STUDIO 3511/4511 Digital Color MFP

e-STUDIO 3511/4511 digital color MFP

Toshiba TEC Corporation has developed a digital color MFP (Multifunctional Peripherals), which responds to color needs in the office and aims to take the place of the monochrome MFP.

Features:

- High speed printing of 35/45 sheets per minute for monochrome and 11 sheets per minute for color printing
- Realization of low printing cost (b/w) equivalent to that of a monochrome MFP
- All-in-one MFP with copying, printing, scanning and electronic filing functions as standard functions in a compact body
- Network printing/scanning in color using wireless LAN (option)

CDMA2000® 1X Cellular Phone

A5501T CDMA2000® 1X Cellular Phone

A5501T CDMA2000® 1X cellular phone

Toshiba has developed a new A5501T cellular phone with video output function (First in the world).

By connecting the cellular phone to a television with the attached cable, it is possible to display moving images and still pictures taken with the built-in camera directly on the television screen.

The superbly flexible miniSD™ memory card is adopted as the recording media, and a 2.2-inch QVGA (320×240) LCD (Liquid Crystal Display) is equipped as the main display.

Moreover, it can handle communication with the first pedestrian navigation services in the industry "EZ NAVIWALK" with the built-in independent type GPS (Global Positioning System).

QVGA: Quarter Video Graphics Array
CDMA: Code Division Multiple Access

A5504T CDMA2000® 1X Cellular Phone

Toshiba has developed a new A5504T cellular phone supporting Bluetooth™ .

In addition to the multimedia features of previous models such as video, e-mail, and camera functions, the A5504T realizes hands-free calling, dialup connection, picture sending, and so on through a wireless connection to a car navigation system, PC, or printer. This model was aimed at delivering a much fuller range of mobile functionality.

The attached miniSD™ card in this model contains three dictionaries, Japanese, English-Japanese and Japanese-English.

"miniSD" is the trademark of SD Card Association.

"Bluetooth" is a trademark owned by Bluetooth SIG, Inc., U.S.A.

A5504T CDMA2000® 1X cellular phone

J-T010/V401T PDC Cellular Phone

J-T010 PDC Cellular Phone

J-T010 PDC cellular phone

Toshiba has developed a new cellular-phone (PDC) for Vodafone Corp., the J-T010, which is the first on the market with an electronic dictionary on SD card (16 Mbyte), in June, 2003.

This phone has Japanese-Japanese (40,000 word), English-Japanese (40,000 word), and Japanese-English (36,000 word) dictionaries, so making mail messages is now even more convenient.

This phone has a main display of 2.2-inch QVGA LCD, and a 320,000 pixel camera. Furthermore, it is possible to save up to 2 hours of movies on an SD card (256 Mbyte). Moreover, this phone also has a database with keyword search capability.

V401T PDC Cellular Phone

Toshiba has developed a new cellular phone (PDC) for Vodafone Corp., the V401T, which is the first in Japan with an FM/TV tuner, in which TV recording is also possible, in April, 2004.

This phone has a main display of 2.2-inch QVGA LCD, and it is possible to display TV images at about 30 frames per second.

Moreover, it is possible to record a maximum of approx. 12 minutes of TV images to the 24 Mbyte built-in memory as well as to capture still TV images.

Furthermore, this phone has a "limit mode" function for minors with which the user can restrict various aspects of usage (e.g. restricting the total use time.) with a password.

PDC: Personal Digital Cellular

V401T PDC cellular phone

VM4050, Tri-mode CDMA2000® 1X Wireless Telephone for North America

VM4050 tri-mode cellular phone for North America

Toshiba has developed the VM4050, which has a QVGA LCD, a camera and a motion picture function for the North American market where high-end wireless telephones with color LCDs and cameras have become widespread recently.

VM4050 uses MPEG-4 (Moving Picture Experts Group-phase 4) CODEC (Coder-Decoder), which Toshiba has developed, for coding the motion pictures, and this gives it the capability of recording a maximum of 15-seconds of video. This phone has a 260 thousand color, 2.2-inch QVGA TFT (Thin Film Transistor)-LCD, which differentiates it from other companies' handsets, and a 65 thousand color 1 inch LCD, 310 thousand pixel CMOS (Complementary Metal Oxide Semiconductor) camera and a built-in flash are equipped on the outer surface.

It also matches the needs of the North American market by using a large volumetric lithium ion battery (Standard: 1,100 mAh, Extended: 1,800 mAh).

"CDMA2000® " is a registered trademark of the Telecommunications Industry Association (TIA-USA).

TS222i GSM/GPRS Cellular phone

TS222i dual-band GSM/GPRS cellular phone for Europe and Asia

The TS222i is a 900/1,800 MHz dual band GSM/GPRS cellular phone, which adopts the "Global i-mode step2 specification", now launched on the European market. "i-mode" is a mobile Internet access system by NTT DoCoMo Inc., which has been popular in Japan and has recently expanded into several European network operators. Besides voice call and SMS (Short Message Service) basic functions, the TS222i also features web browsing, content download, and e-mail/MMS (Multimedia Messaging Service) exchange with GIF/JPEG/MIDI content under the i-mode service. All functions are integrated into the candy-bar type body, with a volume about 10% smaller than the previous model TS21i.

GSM : Grobal System for Mobile communications
GPRS : General Pocket Radio Service
GIF : Graphics Interchange Format
JPEG : Joint Photographic Experts Group
MIDI : Musical Instrument Digital Interface

"i-mode" and imode logo are trademarks of NTT DoCoMo, Inc. in Japan and other countries.

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