

The focus of Toshiba is on developing digital products that arouse "Surprise and Sensation" in our customers. We will offer high-tech imaging devices such as digital Hi-Vision TVs, personal information tools such as high-resolution multimedia note PCs, music player type mobile phones, and mobile devices such as HDD audio players.

New Model TDP-TW300, World's First Projector with PJLink Function (Offering Remote Control & Monitoring)



TDP-TW300 data projector

Toshiba has developed the TDP-TW300, a new projector with a host of new functions. It was launched from May, 2005.

The main new functions are as follows:

- PJLink (Class 1)
- Easy setup
- 802.11b/g compatible WLAN
- USB (Universal Serial Bus) memory access via USB terminal

Among these new functions, the TDP-TW300 is the world's first model to incorporate the PJLink (Class 1) function enabling the user to control and monitor the projector remotely. The user can control a maximum of 100 projector units with one PC. Also, the user can control or monitor not only Toshiba brand projectors, but also other brands provided that they have this PJLink function. We think this will create new demand on the projector market.

Quick and easy setup with simultaneous "Auto Focus" and "Auto Horizontal/Vertical Keystone Correction" functions eliminates necessity for detailed setup by the user.

WLAN 802.11b/g also makes things more convenient for the user giving a smart presentation, eliminating the need to change PC cable connections when your turn on the projector comes around at a conference or a meeting.

USB memory is also available. Giving a presentation without a PC is no longer a thing of the future.

In addition, the TDP-TW300 has many beautiful, convenient features: NCE (Natural Color Enhancer), Black Board mode, User logo, PIP/Split (POP), Password, Rich input terminals, Monitor out terminal (RGB and audio), Auto input search, Instant shut off.

We expect the TDP-TW300 will set a new trend on the current market.

72MX195 72-inch DLP™-PJTV



72MX195 72-inch DLP™-PJTV

Toshiba has developed the 72MX195, a 72-inch DLP™-PJTV (Digital Light Processing Projection TV) with the 1080P resolution picture quality engine and 150 W lamp light source realizing one of the best standards of picture quality and brightness on the market.

In combination with the "Symbio™" (an external hard disk drive for high definition quality TV content recording), this model can even be programmed to record remotely via e-mail from a PC or mobile phone.

Also, this model is equipped with many useful technologies such as, two HDMI™ (High-Definition Multimedia Interface) terminals for digital connection, an electronic program guide (EPG) for easy recording on the Symbio VCR/DVD-recorder.

"DLP" is a trademark of Texas Instruments Inc.

"HDMI" is a trademark of HDMI Licensing, L.L.C.

RD-XS34 HDD & DVD Video Recorder



RD-XS34 HDD & DVD video recorder

Toshiba has developed the RD-XS34, a recorder equipped with a built-in 160 Gbyte hard disk drive (HDD) and DVD multi-drive compatible with DVD-RAM, DVD-R and DVD-RW, which will be available in the U.S.A. and Canada.

The recorder allows high-speed dubbing from the HDD to a DVD-RAM, DVD-R or DVD-RW and provides instant access to recorded programs.

This recorder has an EPG: TV Guide On Screen™.

This EPG provides an easy to read listing of the television programs available to view or record. The EPG incorporated in this model provides: an 8-day program listing, flexibility of recording directly to DVD or HDD, the ability to perform keyword searches for locating favorite programs and includes the G-Link IR Blaster for controlling cable boxes. When recording television programs, the name of the show, along with the channel and date, are automatically captured.

In the United States, "TV GUIDE" and other related marks are registered marks of Gemstar-TV Guide International, Inc. and/or one of its affiliates.

In Canada, "TV GUIDE" is a registered mark of Transcontinental Inc., and is used under license by Gemstar-TV Guide International, Inc.

gigabeat® F series HDD Audio Players



gigabeat® F series HDD audio players

Toshiba has reinforced its line-up of gigabeat® personal HDD audio players with the launch of the "gigabeat® F" series. Designed to deliver enhanced usability, including a high-resolution color display, and a comprehensive range of storage capacities, including the world's first 60-Gbyte* capacity on a 1.8-inch HDD, the gigabeat® F series takes portable digital music to a new level of personal listening pleasure.

The attractions of the gigabeat® F models begin with a slim portrait-shaped case that fits comfortably in the hand. Advanced navigation and control functions are managed by an integrated plus-sign shaped touch sensor and displayed on a 2.2-inch QVGA (320 × 240) color LCD (Liquid Crystal Display) panel. All three models in the series integrate a 1.8-inch HDD, with capacities of 10 Gbyte, 20 Gbyte and 60 Gbyte. The gigabeat® F series will be launched on the Japanese market at the end of November, 2004.

Toshiba's gigabeat® HDD audio players are small enough to slip into a shirt pocket but large enough to carry a library of songs and to provide music for all moods and occasions. The new 10 Gbyte model has the capacity to store some 2,500 four-minute pieces of music recorded at 128 Kbps in the WMA or MP3 formats, while the 20 Gbyte model and flagship 60 Gbyte model have approximate capacities of 5,000 and 15,000 pieces of music, respectively.

* 1 Gbyte = 1 billion bytes

QVGA: Quarter Video Graphics Array

WMA: Windows Media® Audio

MP3: Moving Picture Experts Group 1 audio layer 3

"Windows Media" is either a registered trademark or trademark of Microsoft Corporation in the United States and/or other countries.

Qosmio G20



Qosmio G20

The Qosmio G20 is a 2nd generation AV notebook PC of the Qosmio series.

This latest addition to the Qosmio series has the same outstanding features as its predecessors, including a built-in TV tuner, DVR (Digital Video Recorder) capabilities and a high-quality QosmioEngine that enables increased video and graphics performance.

The Qosmio G20 features Intel® Centrino™ mobile technology, providing outstanding mobile performance and built-in wireless connectivity to improve productivity and enhance the entertainment experience. The brightness of the liquid crystal display has been upgraded to 500 cd/m² to provide a beautiful clear image. The QosmioEngine further enhances video quality by adding new features, and NVIDIA® GeForce™ Go 6600 enables high graphics performance.

The Qosmio G20 offers Toshiba RAID (Redundant Array of Independent Disks). Qosmio's built-in RAID support provides increased storage space and failsafe redundancy to ensure maximum performance and data protection.

Not only has the notebook performance advanced to the 2nd generation, but also has the industrial design. The glossy black premium interior and illuminated feather touch AV buttons inspire a sense of the futuristic. The slot loading optical drive enhances both the audio device image and user experience.

"Intel" is the registered trademark of Intel Corporation.

"Centrino" is the trademark of Intel Corporation.

"NVIDIA" is a registered trademark of NVIDIA Corporation.

"GeForce" is a trademark of NVIDIA Corporation.

libretto™ U100 Mini-Notebook PC



libretto™ U100 mini-notebook PC

"Let's enjoy digital content anytime, anywhere" is the product concept for the libretto™ U100. For ease of mobility, the libretto™ U100 is designed to be compact in size at 210 mm×165 mm×29.8/33.4 mm. DVD and CD are supported by the docking station named "libretto DVD Dock" and it has a quick play function with which the user can enjoy a DVD or CD without starting up the Windows® OS. For high quality visual imaging, five picture enhancement technologies (digital sharpness, de-interlacing, color adjustment, de-blocking and de-ringing) are supported. The bright (220 cd/m²) and high-resolution (232.3 ppi) Clear SuperView LCD (7.2-inch 1,280×768) saves power by using a white LED backlight. In order to support high quality sound, virtual SRS® surround technology is supported.

Miniaturization technology was vital, not only in realizing the compact size, but also in offering a practical set of I/O ports and slots. Low-loss PWB (Printed Wiring Board) compressed the wiring width from 100 μm to 75 μm and the wiring interval from 120 μm to 100 μm. The high-density interconnection of the PWB has made the wiring pattern denser. The libretto™ U100 which incorporates the Intel® Pentium® M ultra-low voltage, 1.1/1.2 GHz processor provides higher-speed performance. Moreover, the libretto™ U100 supports communication anytime, anywhere with Wi-Fi® (IEEE 802.11b/g wireless LAN) and Bluetooth™ Ver. 2.0+EDR. The libretto™ U100 supports Toshiba HDD protection and the Toshiba fingerprint utility for reliability and usability.

"Windows" is a registered trademark of Microsoft Corporation in the United States and other countries.

"SRS" is a registered trademark of SRS Labs, Inc.

"Intel" and "Pentium" are registered trademarks of Intel Corporation.

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

"Wi-Fi" is a registered trademark of the Wi-Fi.

PORTÉGÉ™ R200 Notebook PC



PORTÉGÉ™ R200 notebook PC

The PORTÉGÉ™ R200 is the 20th anniversary model of Toshiba notebook PC. “Anytime, Anywhere” is the product concept and it offers the best combination of slim design (9.9 mm at front, 19.8 mm at rear) and long battery life (5 hours with primary battery. 10 hours with secondary high-capacity battery pack) the optimum mobile notebook PC.

The PORTÉGÉ™ R200 incorporates an array of beneficial features including the Intel® Pentium® M Ultra Low Voltage 753 Processor, DDR2 400 MHz memory, 1.8-inch 60 Gbyte HDD, IEEE 802.11b/g Wi-Fi®, Bluetooth™ Ver.2.0+EDR.

It incorporates shock-absorbing materials to isolate critical components such as the HDD and LCD screen from shocks and vibration. To help protect user data, the PORTÉGÉ™ R200 includes two leading security features, a trusted platform module (TPM) embedded security chip and a fingerprint reader. A fingerprint reader provides enhanced security by biometric authentication and it also provides ease of use by replacing password input with biometric methods.

The PORTÉGÉ™ R200 will be offered to mobile professionals who demand security, durability as well as long battery life and high performance.

Strata™ CIX IP Business Communications System



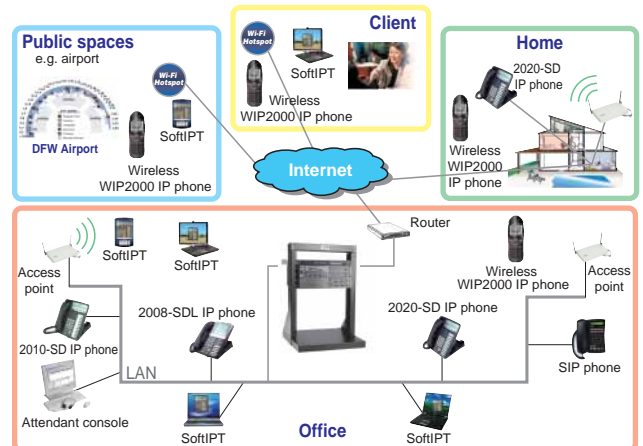
The Strata™ CIX200 IP business communications system

The Strata™ CIX IP business communications system is released to open up a new communication era using cutting-edge VoIP technologies.

The Strata™ CIX series is composed of two models, the CIX200 and CIX670. It is designed for small- to medium-sized enterprises and it supports up to 672 ports. A variety of IP products such as an IP telephone, an IP attendant console, and IP voice mail are added as a new line-up. The user may continue to use existing telephones and printed circuit boards in the new system, as the Strata™ CIX provides a smooth migration path from the Strata™ CTX.

The Strata™ CIX supports 300 or more features and these features are performed with complex internal state transition. The Strata™ CIX hides this internal mechanism with a simple interface for the application server to control telephone features. This eliminates the need for users to consider the state transition of various, complex telephone features. As a result, users themselves can create any new features they desire by writing a program script on the application server (FeatureFlex™). Before this capability, users had to ask manufacturers to implement new features and to wait a long time until they were released.

The IPT2000 series telephone, IP telephone for the Strata™ CIX, has enhanced ease of use with the built-in tilt stand base, full duplex speakerphone features and more. The IPT2008-SDL features a large LCD and Web browser to run HTML-based terminal applications.



IP: Internet Protocol SIP: Session Initiation Protocol

Strata™ CIX system configuration

Wideband CDMA Phone (Vodafone™ 902T)



Taking a picture in "turnover"

Vodafone™ 902T 3G cellular phone

Toshiba has developed a new 3G (3rd Generation) cellular phone, the Vodafone™ 902T.

The Vodafone™ 902T is a 3G convergence model with dual mode (W-CDMA and GSM/GPRS). This model is a global phone with an international roaming service capability which allows use in foreign countries as well by simple operation. The user can place and receive calls in more than 100 countries with the same phone number as in Japan. Message services and Web browsing are also available abroad.

The Vodafone™ 902T has a video telephony function. The user can enjoy video calls with a beautiful 2.4-inch QVGA LCD and a high quality speaker.

This phone has an auto focus 1.92-mega-pixel camera. The double rotating hinge structure enables the user to take a picture in "turnover" style like a digital camera. Video can also be easily captured. The user can then send these pictures or videos via MMS (Multi-media Messaging Services).

PC connectivity is also one of the attractive points. This cellular phone can be connected to a PC via Bluetooth™, IrDA or USB cable.

W-CDMA: Wideband Code Division Multiple Access
GSM: Global System for Mobile communications
GPRS: General Packet Radio Service

"Vodafone" is a trademark of Vodafone Group.

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

W21T/A5509T CDMA Cellular Phone

W21T CDMA2000 1xEV-DO Cellular Phone

Toshiba has developed the W21T CDMA2000 1xEV-DO cellular phone for release on the Japanese market in November, 2004. The W21T supports "Chaku-uta Full" service by "au". The W21T enables the user to listen not only to melody tones but to real music through the built-in stereo speakers or the stereo earphones supplied. The W21T allows users to enjoy powerful and realistic 3D games with its high-performance graphics engine "T4G" and 2.4-inch QVGA LCD.

Furthermore, the W21T has Bluetooth™, TV output function, a feature that supports "EZ Navi Walk" by reading two-dimensional bar codes, and can use an electronic dictionary stored on a miniSD™ memory card.



W21T CDMA2000 1xEV-DO cellular phone

A5509T CDMA2000 1X Cellular Phone

Toshiba has developed a new A5509T cellular phone with five easy-to-use features and three new modes for release on the Japanese market in February, 2005.

The five easy-to-use features of the A5509T are as follows:

- A 2.4-inch QVGA LCD
- Large-sized keys of the dome type for easy operation
- Approx. 20 Mbyte large volume data folder
- A receiver that automatically increases the volume for better listening
- A big character display for easy reading

Furthermore, the A5509T offers three special modes supporting a wide range of users' needs, which are "Security Mode", "Restriction Mode", and "Smart Mode". "Smart Mode" is designed especially for simple operation.



A5509T CDMA2000 1X cellular phone

CDMA: Code Division Multiple Access
1xEV-DO: 1x Evolution Data Only

"miniSD" is a trademark of the SD Card Association.

V601T/ "nudio™" V602T PDC Cellular Phone

V601T PDC Cellular Phone

Toshiba has developed a new PDC cellular phone for Vodafone K.K., the V601T, which is compliant with packet communication and has improved image and application data processing, released in July 2004.

This phone offers the user a second microphone, playback on TV, karaoke using Java™ Applications (V-kara), and high-capacity 3D games.

In addition, the V601T has a 1.3-mega pixel camera, 2.2-inch QVGA LCD, "Chaku-uta" player which is just like a music player, SD memory card slot, IrDA, and many other original functions.



V601T PDC cellular phone

"nudio™" V602T PDC Cellular Phone

Toshiba has designed and developed a new concept PDC cellular phone for Vodafone K.K., the "nudio™" V602T, released in November 2004.

The new design concept of "Texture Variation" is applied to focus on the handset's form and the touch sensation of the surface. Based on this concept, two different kinds of design are provided: METAL, which is completely novel, and CERAMIC, which gives an impression of high quality.



"nudio™" V602T PDC cellular phone

"nudio" is a trademark of Vodafone K.K.

"Java" is a registered trademark of Sun Microsystems, Inc.

V603T/TT41 PDC Cellular Phone

V603T PDC Cellular Phone

Toshiba has developed a new PDC cellular phone for Vodafone K.K., the V603T, with improved TV functions and TV viewability released in February, 2005.

This cellular phone is the first* to have two hinges in a parallel configuration, with which the terminal can be opened and closed 360-degrees. In normal use it functions like a conventional clamshell style phone, but when watching TV, it can be converted to the compact style with the main LCD facing outward, by opening the unit 360-degrees. This phone also has various additional functions besides receiving TV broadcasts: it can capture pictures from TV programs, record programs on a memory card, and link to an EPG (Electronic Program Guide).

*as of January 2005, based on our investigation



V603T PDC cellular phone

TT41 PDC Cellular Phone

Toshiba has developed a new PDC cellular phone for the TU-KA Group, the TT41, which is specially designed for easy usage making telephone calls and accessing mail services via the "Simple Menu".

The flat bar design is realized via the built-in antenna, this allows it to be taken out from a pocket or a bag smoothly.

A 1,000 mAh lithium-ion battery is equipped to allow an extended standby time of approximately 3 weeks.



TT41 PDC cellular phone

PrintSpot™ Mobile Printing Service

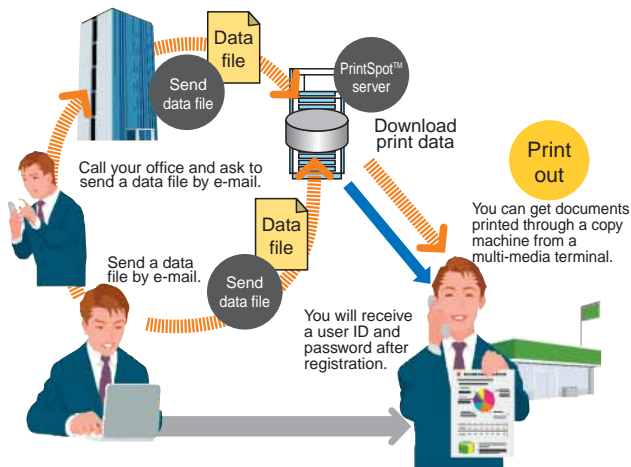
Toshiba TEC Corporation has started a mobile printing service that offers printing of documents and various types of digital content to mobile workers wherever they have to go.

The main features are as follows:

- In the “file print service”, mobile workers can get documents printed through a copy machine at any convenience store just by sending a data file to the PrintSpot™ server as an attached file.
- In the “content print service” mobile workers can get printed documents of various types of information content, such as documents on laws and regulations, various types of content in small quantities through a regular copy machine at any convenience store.
- Mobile workers can input and output their document files via a web service based on Microsoft .NET®.

For more details, please visit the site.

<<http://www.printspot.jp>>



PrintSpot™ mobile printing service

“Microsoft .NET” is a registered trademark of Microsoft Corporation.

IT-3300, IP-3100, CT-3100 Three ePOS Terminal Models



The three ePOS terminal models (IT-3300, IP-3100, CT-3100)

Toshiba TEC Corporation has commercialized three ePOS terminal models that ensure easy and secure mag and IC credit-card transactions.

These terminals incorporating the newly developed micromini common engine realize a maximum 44% volume reduction and a maximum 40% mass reduction compared with the conventional company products. Handy terminals with built-in bar-code scanners can also cover sales procedures from article registration to payment via a wireless network.

These large color LCD touch panel stationary terminals can offer connection to business solutions provided by a web browser. Furthermore, with the modem and LAN interface incorporated, they are easily capable of adapting to changes in the usage environment.