

# > TOSHIBA PORTÉGÉ Z20T-B

Toshiba recommends Windows.



## ◆ THE HYBRID ULTRABOOK™ FOR PROFESSIONALS

The fully detachable 2-in-1 Portégé Z20t-B for professionals is designed to help you create or consume content with ease, almost anywhere. You can transform the 31.75 cm (12.5") Ultrabook™ into a tablet with just one click, enabling you to benefit from high performance and mobility in one device – and the performance extends seamlessly across both modes. Ideal for business use, you'll have everything you need to efficiently work at your desk, give presentations, attend meetings, share ideas or take notes. You can enjoy a long lasting battery life for increased productivity when on the move between boardrooms – or between different office locations. And with a stylish premium design that's thin and lightweight, carrying the Portégé Z20t-B around is never uncomfortable. The Portégé Z20t-B is ideal for day-to-day desktop computing too – and you can feel reassured that all your critical business data is safe thanks to Toshiba's integrated Trusted Platform Module (TPM). What's more, the Portégé Z20t-B is fully equipped with the latest connectivity options, making it the ultimate device for well-connected professionals.



31.75 CM  
(12.5") HYBRID  
ULTRABOOK



ONE-CLICK



PROFESSIONAL  
DESIGN



TOSHIBA  
QUALITY FOR  
BUSINESS



ULTRA LIGHT,  
ULTRA MOBILE



WIRED AND  
WIRELESS  
CONNECTIVITY

**TOSHIBA**  
Leading Innovation >>>

## TECHNICAL SPECIFICATIONS

	<b>PORTÉGÉ Z20T-B-104 PT15AE-00E008N5</b>
PROCESSOR / TECHNOLOGY	Intel® Core™ M-5Y51 processor (1.10 / 2.60 Turbo GHz, 4 MB 3rd level cache)
OPERATING SYSTEM / PLATFORM	Windows 8.1 Pro 64-bit (pre-installed)
DISPLAY	31.75cm (12.5") Toshiba IPS FullHD High Brightness touch display with Wide View Angle, 16 : 9 aspect ratio, LED backlighting, hardened IOX Glass, Anti Fingerprint and Anti Reflective Coating, internal resolution: 1,920 x 1,080
SOLID STATE DRIVE	256GB mSATA
SYSTEM MEMORY	4,096 onboard MB, maximum expandability: 4,096 MB, technology: LP-DDR3L RAM (1,600 MHz)
GRAPHICS ADAPTER	Intel® HD Graphics 5300,
POINTING DEVICE	Capacitive touch display 10 points multi-finger support, AccuPoint™, Clickpad with multi-touch control gestures supporting various scroll, zoom and launch functionalities at your fingertips.
WIRED COMMUNICATION	Gigabit Ethernet LAN
WIRELESS COMMUNICATION	Bluetooth® 4.0 + LE (Intel®), Wireless LAN 802.11ac, a/b/g/n (Intel®), Intel® WiDi and wireless display ready ( ), LTE (4G), HSPA+, GSM/GPRS/EDGE (Sierra Wireless)
SOUND SYSTEM	built-in stereo speakers, enhanced by DTS® Studio Sound™, volume dial: via Volume Up/Down buttons,
INTERFACES	1 x HDMI-out (Keyboard dock), 1 x RGB (Keyboard dock), 2 x USB 3.0 (Keyboard dock), 1 x micro-HDMI-out supporting 1080p signal format (Tablet), 1 x micro-USB 2.0 (Tablet), 1 x external Headphone (stereo) / Microphone combo socket (Tablet), 1 x micro SD™ card slot (Tablet), 1 x 5 MP Full HD rear camera with auto focus, 1 x Full HD web camera with Ambient Light Sensor (front) and built-in stereo microphone, 1 x RJ-45 (Keyboard unit)
BATTERY	technology: lithium-polymer, 3 cell, technology: lithium-polymer, 3 cell, up to 9h tablet only (Mobile Mark™ 2012)  up to 17h tablet & keyboard (Mobile Mark™ 2012)
BUNDLED SOFTWARE	DTS® Studio Sound™ McAfee LiveSafe™ - Protects ALL your devices (complimentary 30 day subscription) TOSHIBA Display Utility TOSHIBA Eco Utility™ TOSHIBA Function Key TOSHIBA PC Health Monitor TOSHIBA System Settings Microsoft® Office - 1 month trial for new Microsoft Office 365 customers Evernote® Cyberlink Media Player (depends of the configuration)
BUNDLED HARDWARE	AC adaptor
SPECIAL FEATURES	SM BIOS compliant, e-Compass, Gyroscopic Sensor, Ambient Light Sensor, 3D Acceleration sensor, ENERGY STAR qualified computer
PHYSICAL DIMENSIONS	Tablet: 309 x 199.9 x 8.8  System total: 309 x 215.2 x 18.5 - 21.0 mm, weight: Tablet: 0.73  System total: 1.51 kg
WARRANTY	1 year international Carry-in. Toshiba also offers a large range of services to upgrade your standard warranty, please have a look at our website <a href="http://www.toshiba-europe.com/services">www.toshiba-europe.com/services</a> to find the right service for your product.
EASYGUARD SECURITY	Advanced Encryption (TPM), Antivirus Software
EASYGUARD PROTECTION	Solid State Drive (SSD), Spill-resistant Keyboard, Kensington Lock
EASYGUARD CONNECTIVITY	Bluetooth®, Video over IP ready, Voice over IP ready, Diversity Antenna, Wireless LAN (802.11ac + a/b/g/N), HDMI-out, Assisted GPS, Mobile Broadband WWAN / 3G-ready connectivity

## COMPATIBLE TOSHIBA ACCESSORIES



dynadock® V3.0+ (Black),  
PA5176E-1PRP



Portégé Z20t Sleeve  
PX1894E-1NCA



USB Optical Mouse - Black  
PA5154E-1ETB

## TOSHIBA SERVICES

### EXT103I-V - 3 YEARS INTERNATIONAL WARRANTY

Extend the standard warranty for up to 3 years international warranty on your computer for additional coverage and reassurance.

### GONS103EU-V - 3 YEARS GOLD ONSITE SERVICE

With the Toshiba Gold On-site Service in Europe, an engineer will come to you by the end of the next business day to fix the problem. Also includes international warranty extension.

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CPU performance may vary from specifications under certain conditions such as the use of battery instead of AC power, certain external peripherals, certain multimedia applications or network connections, complex modeling software and in areas with low air pressure at high altitude (1,000 metres above sea level) and/or certain temperatures. CPU performance may also vary from specifications due to design configuration. Under some conditions, your laptop may automatically shut down as a normal protective measure. To avoid risk of lost data, please make periodic back-up copies. For optimum performance, use your laptop only under recommended conditions. Please read detailed restrictions in the product resource guide, visit the Toshiba web site: [www.computers.toshiba-europe.com](http://www.computers.toshiba-europe.com) and/or contact Toshiba Technical Support. - Graphics processor unit (GPU) performance may vary depending on product model, design configuration, applications, power management settings and features utilised. - Part of the main system memory may be used by the graphics system and therefore reduce the amount of main system memory available. - For laptops configured with 4 GB of system memory, the full system memory space for computing activities will be considerably less and will vary by model and system configuration. - For information about upgrading your system memory please refer to the user manual or contact your local Toshiba service provider. - One GB means one billion bytes, accessible capacity may be less. - Wired and wireless communication capabilities to be applied in countries where approved. - Battery life may vary depending on applications, power management settings and features utilised. Recharge time varies depending on usage. Battery may not charge while laptop is consuming full power. After a period of time, the battery will lose its ability to perform at maximum capacity and will need to be replaced. This is normal for all batteries. To purchase a new battery pack, see your accessories information that shipped with your laptop or visit the Toshiba web site at [www.computers.toshiba-europe.com](http://www.computers.toshiba-europe.com). - Small bright dots may appear on your TFT display when you turn on your laptop. Your display contains an extremely large number of thin-film transistors (TFT) and is manufactured using high-precision technology. Any small bright dots that may appear on your display are an intrinsic characteristic of the TFT manufacturing technology. - Weight may vary depending on product configuration, vendor components, manufacturing variability and options selected. - Please check your system specifications to ensure optimal results. - Certain laptop chassis are designed to accommodate all possible configurations for an entire product series. Your selected model may not have all the features and specifications corresponding to all of the icons or switches shown on the laptop chassis. - Performance may vary depending on product model, configuration, video content/format/settings as well as the performance variations of individual hardware components. Results were achieved on select models and configurations tested by Toshiba at the time of publication.