

Portégé X20W-E

Detailed Product Specification

Model Name: X20W

Part Number: PRT23C-03P00G

Summary

Windows 10 Pro, 8th Generation Intel® Core™ i5-8350U processor- 3.60 GHz, 12.5" FHD Touch Screen, 8 GB LPDDR3, 256 GB SSD, Intel UHD Graphics 620, 802.11ac+agn Wireless, Bluetooth

Operating System

Windows 10 Pro

Processor and Graphics

8th Generation Intel® Core™ i5-8350U processor
(6M Cache, up to 3.60 GHz)
Intel® vPro Technology with AMT 11.6
Intel UHD Graphics 620

Memory

8 GB LPDDR3 on-board (2133 MHz)
Maximum Memory: 8 GB (not upgradeable)

Storage

256 GB SSD

Display

Size (diagonal): 12.5" FHD Touch Screen
Native Resolution: 1920 x 1080
Aspect Ratio: 16:9
Other: Toshiba TruPen™ with Wacom® Feel
Featuring: Corning® Gorilla® Glass

Sound System

harman / kardon® stereo speakers
DTS Studio Sound™

Communication

HD webcam with TruTalk™ Dual Microphones
Intel® Dual-Band Wireless-AC 8265
Bluetooth

Input Devices

Synaptics® SecurePad™ multi-touch touch pad
Canadian Bilingual Backlit Keyboard
Toshiba TruPen™ with Wacom® Feel

Security

Trusted Platform Module (TPM 2.0)
Reinforced Security Lock Slot
Fingerprint Reader

Ports and Expandability

Ports: 1 x USB3.1 Type-C (Data, Power, Display, Thunderbolt 3), 1 x USB3.0, Headset

Bundled: No Bundled Adapters Included

Supported via Toshiba Thunderbolt 3 Dock:
2 x HDMI, 1 x DisplayPort, 1 x mDP, 1 x RGB, 4 x USB3.0, 2 x USB3.1 Type-C, 1 x Headset, 1 x RJ-45

Physical Description

Onyx Blue Metallic Magnesium Alloy Chassis
Dimensions: (WxDxH)
11.8 x 8.6 x 0.61 in. (299 x 219 x 15.4 mm.)
Weight: Starting at 1.1 kg (2.43 lbs)

Power

15W / 36W / 45W 100-240V / 50-60Hz AC Adapter
3-cell 44 Wh Lithium Polymer battery pack
Battery Life Rating (MobileMark™ Productivity 2014)
Up to 10 hours
(Windows 10 Pro Operating System only)

Toshiba EasyGuard®

HALT Tested Design
Tested using MIL-STD-810G Methodology
LCD Cover Face and Point Pressure resistant design
Hinge Design Enhancement

Software

Toshiba eco Utility™
Toshiba Service Station™
1 month trial for new Microsoft® Office 365 customers

Environmental Credentials

ENERGY STAR® Qualified
EPEAT Gold Rated

This product is ROHS compatible

Canada and International Limited Warranty

This notebook comes with a three (3) year parts and labour Limited International Warranty. Note the original battery is warranted for one year from date of purchase. Pre-installed software is excluded from TCSC standard limited warranty. For complete details on this warranty program and other Warranty Programs such as On-site and Next Business Day Service visit www.toshiba.ca

Accessories

For additional and most updated accessories, please visit: www.toshiba.ca

Power

PA5279U-1ACA USB Type-C PD3.0 AC adapter - 15W/27W/45W

Expansion

PA5281U-1PRP Toshiba Thunderbolt™ 3 Dock
PA5268U-1PRP Toshiba USB-C to Ethernet Adapter
PA5269U-1PRP Toshiba USB-C to HDMI Adapter
PA5270U-1PRP Toshiba USB-C to VGA Adapter
PA5272U-1PRP Toshiba USB-C to Travel Adapter

Input Devices

ACC210 Noteworthy Numeric Keypad
ACC230 Noteworthy USB English Keyboard
PA5224U-1ETB Toshiba USB Mouse
PA5211U-1ETB Toshiba Bluetooth Optical Mouse B35

Carrying Case

ACC135 Noteworthy 13" Top Loading Case
OA1176-CWT4B Toshiba Lightweight Carrying Case
PX1899E-1NCA Toshiba X20W Sleeve

Environmental Specifications

Temperature: Operating 5° to 35°C (41° to 95°)
Non Operating -20° to 65°C (-4° to 149°F)
Thermal Gradient: Operating 15° C per hr. max;
Non Operating 20! C per hr. max
Relative Humidity: Operating 20% to 80% non-condensing;
Non-Operating: 10% to 90% non-condensing
Altitude (relative to sea level): Operating: -60 to 3,000m.;
Non-Operating: -60 to 10,000m.
Shock: Operating: 10G; Non-Operating 60G
Vibration: Operating 0.5G; Non-Operating: 1G

Subject to Change

While Toshiba has made every effort at the time of publication to ensure the accuracy of the information provided herein, product specifications, configurations, prices, system/component/options availability are all subject to change without notice. For the most up-to-date product information about your computer, or to stay current with the various computer software or hardware options, visit Toshiba's Web site at www.toshiba.ca

Return Policy

Notwithstanding anything to the contrary in any third party License Agreement or product documentation supplied with your PC, Toshiba Client Solutions Canada Ltd. does not accept the return of component parts, or bundled software, that have been removed from the PC system. Pro-rata refunds on individual PC components or bundled software, including the operating system, will not be granted. If you wish to return a complete PC system, contact the TCSC dealer where you purchased the product, and comply with the dealer's standard return policies and procedures.

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Availability - Depending on system configuration feature might be unavailable

Battery Life Rating. (Notebook) - Measured by MobileMark® 2014 for models preinstalled with Microsoft® Windows 7 or Windows 10. Benchmark rules for MobileMark® 2014: Wireless connectivity = On, Predefined updated workloads. Details of MobileMark® 2014 testing protocols are available at www.bapco.com. MobileMark is a U.S. registered trademark of the Business Applications Performance Corporation.

Rating is for comparison purposes only, and does not indicate the battery life that will be obtained by any individual user. Actual battery life may vary considerably from specifications depending on product model, configuration, applications, power management settings and features utilized, as well as the natural performance variations produced by the design of individual components. The battery life rating is only achieved on the select models and configurations tested by Toshiba under the specific test settings at the time of publication and is not an estimate of a system's battery life under any conditions other than the specific test settings

Battery Life Rating. (Tablet) - Battery tests were conducted by Toshiba using specific preproduction tablet units and software. Actual battery life may vary depending on settings, application usage, features or tasks selected, network configuration, operating temperature and many other factors. Testing consisted of full battery discharge while performing certain tasks such as video playback, Internet browsing using Wi-Fi and standby mode. Auto-Brightness was turned off.

Memory (Main System) - Part of the main system memory may be used by the graphics system for graphics performance and therefore reduce the amount of main system memory available for other computing activities. The amount of main system memory allocated to support graphics may vary depending on the graphics system, applications utilized, system memory size and other factors.

Spill-Resistant Keyboard - Under Toshiba testing conditions, the spill-resistant keyboard delayed the time for a water spill to reach the computer's main board to allow more time to properly close down the machine. Toshiba's standard limited warranty terms and limitations apply. Visit www.warranty.toshiba.com for details.

Storage Drive Capacity - One Gigabyte (GB) means $10^9 = 1,000,000,000$ bytes and One Terabyte (TB) means $10^{12} = 1,000,000,000,000$ bytes using powers of 10. The computer operating system, however, reports storage capacity using powers of 2 for the definition of $1\text{ GB} = 2^{30} = 1,073,741,824$ bytes and $1\text{ TB} = 2^{40} = 1,099,511,627,776$ bytes, and therefore shows less storage capacity. Available storage capacity will also be less if the computer includes one or more pre-installed operating systems, such as Microsoft Operating System and/or pre-installed software applications, or media content. Actual formatted capacity may vary.

Thunderbolt™ 3 Dock - Thunderbolt 3 docking feature requires notebook with Thunderbolt 3 capability

USB Sleep & Charge - The "USB Sleep & Charge function" may not work with certain external devices even if they are compliant with the USB specification. In those cases, turn the power of the computer ON to charge the device

USB Transfer Speed - 5Gbps is the maximum theoretical interface transfer rate per the specifications of the Universal Serial Bus 3.0. Actual transfer rate will vary depending on your system configuration and other factors. USB 3.1 Gen 2. 10Gbps is the maximum theoretical interface transfer rate per the specifications of the Universal Serial Bus 3.1. Actual transfer rate will vary depending on your system configuration and other factors.

USB Type-C Docking - USB Type-C docking requires USB Type-C port with the ability to support power delivery and display port

Warranty - The terms and conditions of Toshiba's standard limited warranty are available at www.warranty.toshiba.com

Weight - Weight may vary depending on product configuration, vendor components, manufacturing variability and options selected

WiGig Dock - Wireless docking feature requires notebook with WiGig Capability

RoHS - This computer is compatible with European Union Directive 2011/65/EU, Restriction of the use of certain Hazardous Substances in electrical and electronic equipment (RoHS), which restricts use of lead, cadmium, mercury, hexavalent chromium, PBB, and PBDE. Toshiba requires its computer component suppliers to meet RoHS requirements and verifies its suppliers' commitment to meeting RoHS requirements by conducting component sampling inspections during the product design approval process.