

## Tecra A50-E

## Detailed Product Specification

**Model Name: A50-E1524**

**Part Number: PT591U-00E002**

**UPC: 889661192701**

### Summary

Windows 10 Pro, 8th Generation Intel® Core™ i5-8250U processor- 3.40 GHz, 15.6" FHD, 8 GB DDR4, 256 GB SSD, Intel UHD Graphics 620, 802.11ac+agn Wireless, Bluetooth

### Operating System

Windows 10 Pro

### Processor and Graphics

8th Generation Intel® Core™ i5-8250U processor  
(6M Cache, up to 3.40 GHz)

Intel UHD Graphics 620

### Memory

8 GB DDR4 (2400 MHz)  
Configuration: 8 GB x 1  
Maximum Memory: 2 slots, 16 GB

### Storage

256 GB M.2 SATA SSD

### Display

Size (diagonal): 15.6" FHD  
Native Resolution: 1920 x 1080  
Aspect Ratio: 16:9  
Other:

### Optical Drive

DVD SuperMulti Drive

### Sound System

Stereo Speakers  
DTS Studio Sound™

### Communication

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

### Input Devices

AccuPoint pointing device  
Synaptics® SecurePad™ multi-touch touch pad  
U.S. English Backlit Keyboard w/ 10-key

### Security

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

### Ports and Expandability

Ports: 4 x USB3.0, 1 x HDMI, 1 x VGA, 1 x RJ-45, SD Card Reader, Headset

Supported via Toshiba Hi-Speed Port Replicator III+:  
1 x HDMI, 2 x DisplayPort, 1 x RGB, 1 x DVI, 4 x USB3.0, 2 x USB2.0, 1 x Audio-in, 1 x Audio-out, 1 x RJ-45

### Physical Description

Graphite Black  
Dimensions: (WxDxH)  
14.9 x 10.2 x 0.95 in (379 x 258 x 24.05 mm)  
Weight: Starting at 2.25 kg (4.96 lbs)

### Power

45W 100-240V/50-60Hz AC Adapter  
4-cell 45 Wh Lithium Ion battery pack (black)  
Battery Life Rating (MobileMark™ Productivity 2014)  
Up to 18 hours  
(Windows 10 Pro Operating System only)

### Toshiba EasyGuard®

HALT Tested Design  
LCD Cover Face and Point Pressure resistant design  
Hinge Design Enhancement  
Spill-Resistant Keyboard

### 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

### 1 Year Standard Limited Warranty

Includes International Limited Warranty for obtaining service when traveling outside of the United States.

### Accessories

For additional and most updated accessories, please visit:  
[us.toshiba.com/accessory-finder](http://us.toshiba.com/accessory-finder)

### Power

PA5177U-1ACA AC adapter - 45W (19V 2.37A)  
PA5212U-1BRS 4-cell 45 Wh Lithium Ion battery pack (black)

### Expansion

PA5116U-2PRP Toshiba Hi-Speed Port Replicator III+, 120W  
PA5217U-1PRP dynadock® 4K Universal USB Docking  
PA3927U-1PRP dynadock® U3.0 Universal USB Docking  
PA5232U-1ETB Toshiba USB 3.0 4-port Hub HU600

### Input Devices

PA5226U-1ETB Toshiba Wireless Keyboard & Mouse Combo  
PA5236U-1ETB Toshiba USB Keyboard with 10-key  
PA5224U-1ETB Toshiba USB Mouse U55  
PA5154U-1ETB Toshiba Optical Mouse U30  
PA5155U-1ETB Toshiba Wirelss Optical Mouse W30  
PA5211U-1ETB Toshiba Bluetooth Optical Mouse B35

### Carrying Case

PA1563U-1CS6 Toshiba 16" Envoy 2 Carrying Case  
PA1573U-1MR6 Toshiba 16" Messenger  
PA1571U-1BP6 Toshiba 16" Envoy 2 Backpack

### 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, 0.25G; 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 <http://support.toshiba.com>

## Return Policy

Notwithstanding anything to the contrary in any third party License Agreement or product documentation supplied with your PC, Toshiba America Information Systems, Inc. ("TAIS") 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 TAIS 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](http://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](http://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](http://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.