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This product specification is variable and subject to change prior to product launch.

Tecra A50

Part Number: PML20U-0N8021

Detailed Product Specification

Model Name: A50-K

UPC: 889661323815

Summary

Windows 10 Pro, 12th Generation Intel® Core™ i7-1260P processor, 4.70 GHz, 15.6" FHD, 16 GB DDR4, 512 GB SSD, 802.11ax Wireless, Bluetooth

Operating System

Windows 11 Pro Spanish / Windows 10 Pro Spanish
with downgrade facilitation rights

Processor and Graphics

12th Generation Intel® Core™ i7-1260P processor
(18M Cache, up to 4.70 GHz)

Intel® UHD Graphics for 12th Gen Intel® processor

Intel® Iris Xe (8 GB Video)

Memory

16 GB DDR4
Configuration: 16 GB + 1 open slot
Maximum Memory: 32 GB

Storage

512 GB PCIe NVMe SSD

Display

Size (diagonal):	**15.6" FHD, IPS, eDP, LED, Anti – glare**
Native Resolution:	1920 x 1080
Brightness Rating:	250 nits
Aspect Ratio:	16:9

Sound System

Stereo Speaker System
Dual-Array Microphones
DTS Audio Processing

Camera

Webcam with Privacy Shutter

Communication

Intel® Ethernet Connection I219 Family
Intel® **Wi-Fi 6E (Gig+)** AX211 (802.11ax)
Bluetooth

Security

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

Ports and Expandability

Ports: 2 x USB 4.0 Type-C (Thunderbolt 4), 2 x USB 3.2 Gen 1 (one w/ USB Sleep and Charge), 1 x HDMI, 1 x RJ-45, 1 x microSD, Headset

Supported via Dynabook USB-C Dock:
1 x HDMI, 1 x DisplayPort, 1 x VGA, 2 x USB 3.2 Gen 2, 1 x USB 3.2 Gen 1, 1 x Headset jack, 1 x RJ-45 LAN, 1 x SD Card slot

Supported via Thunderbolt 4 Dock:
1 x USB-C (USB 4.0 / Thunderbolt 4 DFP), 2 x HDMI 2.0, 2 x DisplayPort 1.4, 2 x USB-C 3.2 Gen 2, 4 x USB 3.2 Gen 2, 1 x Headset jack, 1 x RJ-45 LAN, 1 x SD Card

Input Devices

Synaptics® SecurePad™ Multi-touch Touch Pad
Latin American Premium, Raised Tile, **Backlit Keyboard**

Physical Description

Dark Blue
IONEPURE® IPL Antimicrobial Paint Coating
Tested to MIL-STD-810H methodologies
HALT Tested Design
Dimensions: (WxDxH)
358.2 x 236.9 x 19.9 mm (14.1 x 9.3 x 0.78 in)
Weight: Starting at 1.63 kg (3.59 lbs)

Power

65W (19V) 100-240V/50-60Hz AC Adapter
53 Wh Lithium Polymer battery pack

Environmental Credentials

ENERGY STAR® Qualified
EPEAT Gold Rated
This product is ROHS compatible

3 Year Standard Limited Warranty

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

Environmental Specifications

Operating –20˚ to 65˚C (-4˚ to 149˚F)
Thermal Gradient: Operating 15˚ C per hr. max;

Relative Humidity: Operating 20% to 80% non-condensing;
Non-Operating: 10% to 90% non-condensing
Shock: Operating: 10G; Non-Operating 60G
Vibration: Operating 0.5G; Non-Operating: 1G

Accessories

For additional and most updated accessories, please visit:
la.dynabook.com/accessory-finder

Power

PA5367U-1ACA	Dynabook 65W AC Adapter (4mm)
PA5352U-1ACA	USB-C PD3.0 65W AC adapter

Expansion

PS0120UA1PRP	Thunderbolt™ 4 Dock
PA5356U-1PRP	Dynabook USB-C Dock
PA3927U-1PRP	dynadock® U3.0 USB Docking Station
PA5269U-2PRP	Toshiba USB-C to HDMI Adapter
PS0089UA1PRP	Dynabook USB-C to VGA/LAN Adapter
PA5270U-1PRP	Toshiba USB-C to VGA Adapter
PS0001UA1PRP	Dynabook USB-C to HDMI/VGA/LAN/USB Adapter (Travel Dock)

Input Devices

AMU81USZ	Targus USB Full-Size Optical Mouse
AMW575TT	Targus Wireless Optical Mouse
AKB30US	Targus USB Wired Keyboard
AMB580TT	Targus B580 Bluetooth Mouse
AKB30US	Targus USB Standard Size Keyboard
AKB55TT	Targus KB55 Multi-Platform Bluetooth
AKM610BT	Targus KM610 Wireless Keyboard and Mouse Combo

Carrying Case

3204071	THULE Chronical 26L Backpack
3204813	THULE Accent 23L Backpack
3204167	THULE Construct 24L Backpack
3204817	THULE Accent 15.6'" Briefcase
3204086	THULE Subterra 15.6' Briefcase

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Subject to Change

While Dynabook 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 Dynabook's Web site at https://support.dynabook.com

Return Policy

Notwithstanding anything to the contrary in any third party License Agreement or product documentation supplied with your PC, Dynabook Americas, Inc. ("DBA") 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 DBA dealer where you purchased the product, and comply with the dealer's standard return policies and procedures.

Dynabook Americas, Incorporated ("DBA")

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DBA website: https://us.dynabook.com

DBA website for resellers: https://us.dynabook.com/sell

DBA Support website: https://support.dynabook.com

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Availability - Depending on system configuration feature might be unavailable

Battery Life Rating. (Notebook) - Measured by MobileMark® 2018 for models preinstalled with Microsoft® Windows 10 or Windows 11. Benchmark rules for MobileMark® 2018: Wireless connectivity = On, Predefined updated workloads. Details of MobileMark® 2018 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 Dynabook 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

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 Dynabook 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. Dynabook's standard limited warranty terms and limitations apply. Visit https://support.dynabook.com/warranty for details.

Storage Drive Capacity - One Gigabyte (GB) means 109 = 1,000,000,000 bytes and One Terabyte (TB) means 1012 = 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 GB = 230 = 1,073,741,824 bytes and 1TB = 240 = 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™ 4 Dock - Thunderbolt 4 docking feature requires notebook with Thunderbolt 4 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 Dynabook's standard limited warranty are available at https://support.dynabook.com/warranty

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

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. Dynabook 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.