

UA9 Series

TC156-AN User Guide



UA9 TC156-AN User Guide

Declaration of Conformity

FCC

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions. (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CE

This device conforms to the 2014/30/EU- Electromagnetic Compatibility (EMC) directives to carry CE-marking.

RoHS and WEEE

This product fulfils the requirements of the EU directive 2011/65/EU on the Restriction of the Use of certain Hazardous Substances in Electrical and Electronic Equipment (RoHS) which aims to prevent the risks posed to human health and the environment related to the management of electronic and electrical waste. The WEEE symbol (Wheeled bin) on the product(s) and / or accompanying documents means that used electrical and electronic products including battery should not be mixed with general household waste. For proper treatment, recovery and recycling, please take this product(s) to designated collection points. Disposing of this product correctly will help save valuable resources and prevent any potential negative effects on human health and the environment, which could otherwise arise from inappropriate waste handling.

Energy Star Note

- The UltraArmor UA9 TC156-AN mobile thin client support, alternative low power modes - such as Short or Long Idle modes (as defined in the ENERGY STAR Computer Program Requirements) that consume very little power and when applicable, maximize product battery life. The computer exits Sleep when the power/Sleep button is pressed. When the Wake On LAN (WOL) feature is enabled, the computer can also exit Sleep in response to a network signal.
- Additional information on the potential energy and financial savings of the power management feature can be found on the EPA ENERGY STAR Power Management website at <http://www.energystar.gov/powermanagement>. Additional information on the ENERGY STAR program and its environmental benefits are available on the EPA ENERGY STAR website at <http://www.energystar.gov>. ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency.

Preset power management features the computer is operating on AC power		
Time to activate display sleep mode	Time to activate Computer sleep mode (minutes)	Resuming from sleep mode
Less than or equal to 15 minutes (varies by mode)	Less than or equal to 30 minutes (varies by mode)	Product will exit sleep mode when the power button is pressed. If Wake-on-Lan (WOL) is enabled, the system can resume from sleep in response to a network signal.

Safety Instructions

- Please keep equipment away from humidity.
- Disconnect the equipment from all AC outlets before cleaning. Use only a damp cloth for cleaning. Do not use liquid or sprayed detergent.
- There is the danger of an explosion if battery is incorrectly replaced. Replace only with the same or an equivalent type recommended by the manufacturer.



Warning: This Product contains a Button or Coin Cell Battery. A swallowed Button or Coin Cell Battery can cause internal chemical burn in as little as two hours and lead to death. Dispose of used batteries immediately. Keep new and used battery away from children. If you think batteries might have been swallowed seek medical attention immediately.

- Permanent hearing damage may occur if play audio loudly on device while using.
- The openings on the enclosure are for air convection to protect the equipment from overheating. DO NOT COVER THE OPENINGS.
- Keep sufficient space for device for ventilation. Do not place the device in any place where the airflow is restricted to the device.
- Excessive sound pressure from earphone or headphone will cause hearing damage. Adjustment of the volume control as well as the equalizer to settings other than the center position may increase the earphones or headphones output voltage and the sound pressure level.
- Use Only Power Supplies listed in the user manual.
- Place the power cord in such a way that people cannot step on it. Do not place anything over the power cord.
- Never pour liquid into an opening as this can cause fire or electrical shock.
- Never open the equipment. For safety reasons, only qualified service personnel should open the equipment.
- If one of the following situations arises, get the equipment checked by service personnel:
 - The power cord or plug is damaged.
 - Liquid has penetrated into the equipment.
 - The equipment has been exposed to moisture.
 - The equipment does not work well, or you cannot get it to work according to the user's guide.
 - The equipment has been dropped and damaged.
 - The equipment has obvious signs of breakage.
- You can find the additional safety instructions & information of UltraArmor UA series for RoHS, REACH, Electromagnetic Compatibility (EMC), Ergonomics in website page: www.ultrarmor.com/support/document

Technical Support and Assistance

1. Contact your distributor or reseller for technical support if you need additional assistance.
2. Please have the following information ready before you call:
 - Product name and serial number.
 - Description of your peripheral attachments.
 - Description of your software (operating system version, BIOS version, etc.).
 - A complete description of the problem.

Packaging List

Before installation, check that the following items are included in the package.

- | | |
|--|------------------|
| - 1 x UA9 TC156-AN mobile thin client unit*1 | - 1 x Power Cord |
| - 1 x Adaptor 65W 20V/3.25A TYPE C PD LEVEL6(62368) LOT 7 (PA-1650-58ED) | - 1 x User Guide |

Remark*1. Software product is preinstalled on this computer, you agree to be bound by the terms of the User License Agreement (EULA) of software itself.



Please visit the UltraArmor website (www.ultrarmor.com) for the latest product certifications and compliance information. For TÜV GS regulatory issue

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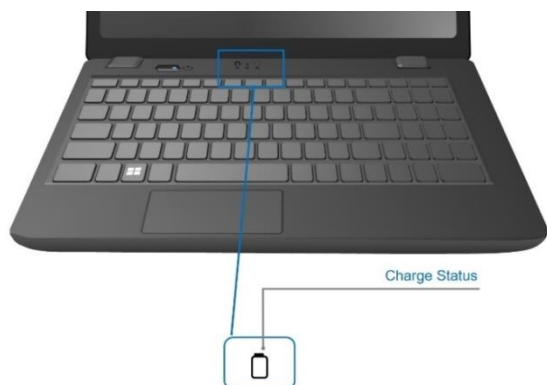
please contact our EU authorized representative at: Company: Evershine (Deutschland) GmbH Address: Schumannstr. 27, 60325 Frankfurt/M., Germany

Specification


CPU	Intel® Alder Lake N100 Quad-Core processor up to 3.40GHz
Memory	DDR4 3200MHz SO-DIMM 8GB
Display Size and Connectivity	15.6" full HD LCD, 1 HDMI 1.4, USB-C Alt mode 4K 60Hz on connected displays(Max)
Battery	Polymer 3S1P 5000mAh 57W Li-Polymer battery
Audio	Combo audio jack for headset, internal speakers x2
Network	Realtek 8111H 10/100/1000 Base-T RJ45 jack
Wireless	Realtek RTL8852BE WiFi 6 802.11ax
Storage	M.2 2280 128G SATA SSD Micro SD Card Reader (Windows support only)
Webcam	Full HD 2MP with microphone
External I/O	Audio jack x1, USB-C 3.2 Gen 1 full function x1, USB-A 3.2 Gen 1 x3, RJ-45 x1, HDMI x1
Power Adapter	65W Type-C™ PD adapter
Operating Temperature	0° to 35° C ¹ (32° to 95° F)
Storage Temperature	-20° to 60° C (-4° to 140° F)
Dimension & Weight	368 x 244 x 21.6 mm (w/o rubber foot), 1.8Kg

WARNING! Do not use the notebook on your lap as this way may block vents and cause overheating, and the heat generated may result in discomfort. To ensure safe operation: Use the computer on a flat, hard surface and avoid blocking airflow. Keep the AC adapter away from skin and soft surfaces.

Power Button & LED indicators

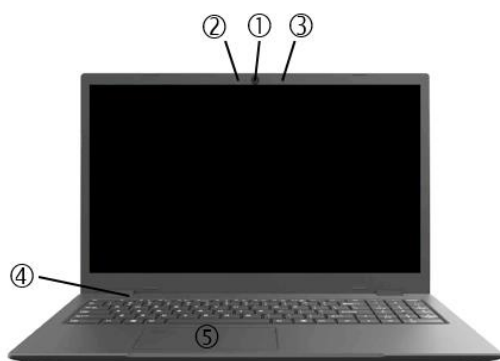


The LED indicators help identify the current hardware status:

 The Charge Status indicator shows the power source and the battery charge status.

1. Solid Blue: The Notebook PC is plugged to a power source and the battery power is full charged.
2. Blinking Blue: The Notebook PC is plugged to a power source, charging its battery.
3. Blinking Red: The Notebook PC is running on battery mode and the battery power is less than 10%.
4. Lights off: The Notebook PC is running on battery mode and the battery power is between 10% to 100%.

Name	Function
Power button	Power on/off your laptop



Power Supply information

65W Type-C™ AC adapter	Input: 90VAC to 240VAC, 50 / 60 Hz, 1.6A Max. Output: DC 5.0V/ 9.0V/ 12.0V/ 15.0V 3.0A Max. 20.0V 3.25A Max.
Battery (Smart)	Polymer 3S1P 5000mAh Li-Polymer Battery, 3 cells, 3s1p/11.4V/5000mAh/57W

Front View

No.	Name	Function
①	Webcam	Often for taking self-portraits as well as for video conferencing.
②	Webcam LED indicator	It lights on when the webcam is in use.
③	Microphone	Often for collection your voice for video conferencing.
④	Power button	Power on/off your laptop.

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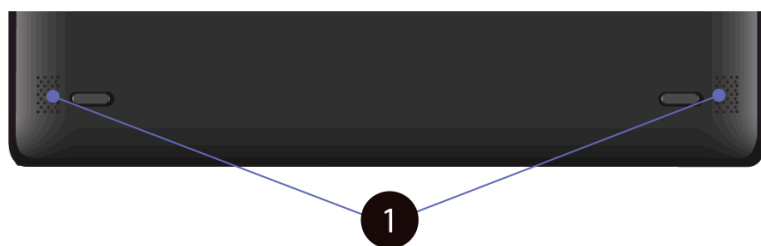
⑤ Touchpad Allows you to control your system using figure gestures.

Function keys

- Fn + F2 : Sleep
- Fn + F3 : Brightness Down
- Fn + F4 : Brightness Up
- Fn + F5 : Switch display device
- Fn + F6 : Speaker On/Off
- Fn + F7 : Volume Down
- Fn + F8 : Volume Up
- Fn + F9 : Touchpad On/Off
- Fn + F11 : Print Screen
- Fn + F12 : Pause
- Fn + ►/|| : Play/Pause key
- Fn + Number lock : Scroll lock
- Fn + Del : Insert

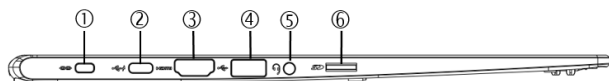


Note: The actual available actions are software OS dependent.



Bottom View

No.	Name	Function
①	Speaker	The sound system has two speakers for playing music, notification sounds, and other audio data.



Left Ports & Slots

- ① Kensington lock slot
- ② USB-C 3.2 Gen1 full function(DP Alt mode & PD) *1
- ③ HDMI 1.4
- ④ USB-A 3.2 Gen 1
- ⑤ Combo audio jack for headset *2
- ⑥ Micro SD Card Reader



Right Ports & Slots

- ⑦ USB-A 3.2 Gen 1
- ⑧ RJ-45 jack for GbE

Remark¹. To supply the device power and charge the battery, plug the power cable into the adapter, plug the adapter into a wall-socket, and plug the USB-C head of the adapter into the USB-C port of the laptop.

Remark². TO PREVENT POSSIBLE HEARING DAMAGE, DO NOT LISTEN AT HIGH VOLUME LEVELS FOR LONG PERIODS.

