

User Manual

Laptop
Aquilon

DEXP

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Dear Customer,

Thank you for choosing our products.

We are pleased to offer you appliances and devices designed and manufactured to the highest standards of quality, functionality, and design. Before using the device, please read this manual carefully. It contains important information regarding your safety, as well as recommendations for the proper use and care of the product. Please keep this manual in a safe place and use it as a reference guide during future operation of the product.

Intended Use

A laptop is a portable personal computer that offers a high degree of autonomy thanks to its built-in input/output devices (touchpad, keyboard, and display) and an integrated rechargeable battery. It is capable of performing all the same tasks as desktop personal computers, including: data processing and storage, connecting to wireless networks, playing multimedia (audio and video) files, and running various applications and games.

Safety Precautions

- Do not expose the device to extremely high/low temperatures, dust, humidity, direct sunlight, strong vibrations, or strong electromagnetic radiation.
- Prevent liquid from entering the device. Do not use it in places where there is a risk of the device falling into water (e.g., swimming pool, pond, bathtub, etc.).
- The manufacturer does not guarantee full compatibility of the device with any third-party applications or the correct operation of these applications.
- Avoid dropping the device and impacts against hard surfaces.
- To avoid data loss, we recommend creating backup copies of your files. We are not responsible for data loss.
- Use only manufacturer-approved chargers and accessories. The device must be charged using the included power adapter. Using third-party power adapters may cause device failure, and using other accessories voids the warranty and may be dangerous.
- This device is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the device.
- Use a soft cotton cloth to clean the device housing. Do not use chemical agents, as they may damage the device.
- Do not open the device housing. The device contains no user-serviceable parts. Contact a qualified service technician.
- When removing the battery, charge it for at least 30 minutes before restarting the laptop.
- This device is not intended for commercial use.

Rechargeable Battery Guidelines (Li-pol/Li-ion)

Dear Customer, please note that this device uses a lithium-based rechargeable battery as its power source. Please carefully read the information below to help extend the life of your battery and prevent undesirable consequences during its operation.

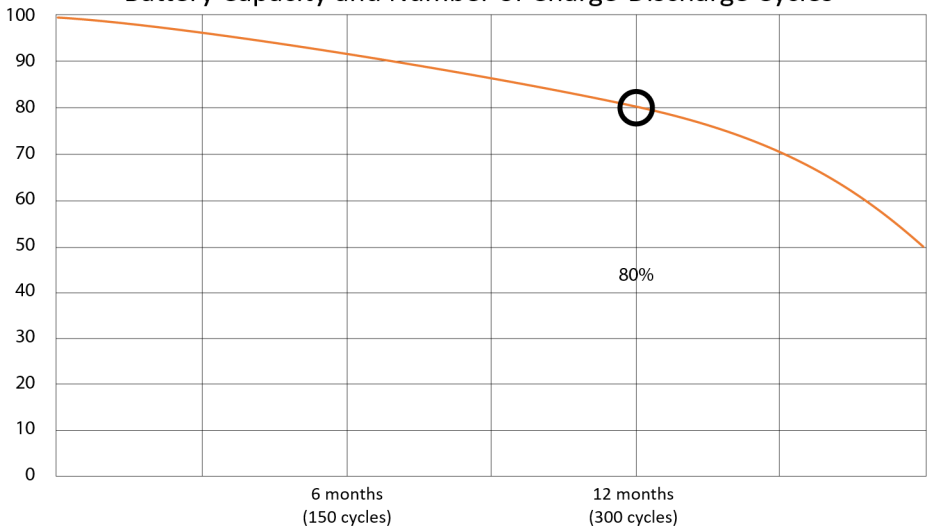
Battery Capacity and Charge-Discharge Cycles

During prolonged storage and use, the rechargeable battery (hereinafter referred to as «the battery») tends to lose its charge and capacity. After 300 charge-discharge cycles (approximately one year of device use), the battery capacity may decrease to 80% of its nominal value. After 400 charge-discharge cycles, the battery capacity may decrease to 60% of its nominal capacity. Partial capacity reduction within these limits and timeframes is natural battery wear and is not considered a defect.

Natural Battery Wear

The battery loses charge even when stored separately from the device. The self-discharge rate is approximately 5% per month. Due to their design, batteries are not durable and constantly degrade regardless of whether they are in use. This degradation accelerates at higher temperatures and when the charge level deviates from the «optimal» storage level, which is generally considered to be 40%. In other words, if the battery is not in use, it is advisable to keep the charge level between 40% and 50%.

Battery Capacity and Number of Charge-Discharge Cycles



Use Only the Original Charger

The battery's charge and discharge capability is controlled by its built-in Battery Management System (BMS). Forced «fast charging» modes using external chargers for Li-ion batteries are strictly not recommended, as charge and discharge currents are limited. Li-ion batteries do not have a so-called «memory effect» You can start charging or discharging the battery from any charge level.

Most devices have charge and discharge limits—the controller may prevent the battery charging if, for example, the charge is already above 90%. It will also prevent the battery from fully discharging, protecting the cells from damage. Even if the device is powered by the electrical grids, the Li-ion battery should undergo a full charge/discharge cycle at least once a month (until the «low battery» warning appears). Never let the battery discharge completely. A Li-ion battery degrades quickly if stored in a discharged state for a prolonged period. If this happens, charge it immediately. If the battery remains in a discharged state for two weeks or more, irreversible capacity loss occurs in the cells, which will ultimately lead to battery failure.

Observe the Temperature Requirements

Batteries must be stored in a charged state at temperatures between +15 °C and +35 °C with normal humidity. Batteries do not perform well prolonged operation in very high (above +40 °C) or very low (below -10 °C) ambient temperatures. Do not leave the battery in direct sunlight.

Do Not Disassemble, Burn, or Use Damaged Batteries

Under no circumstances should you attempt to disassemble the battery or charge its individual cells. For repair or maintenance, please contact an authorized service center.

Puncturing or crushing the cells can cause an internal short circuit, leading to fire and explosion. Melting of lithium due to high temperatures can also cause an explosion. If the seal is broken, water or condensed atmospheric moisture can enter the cell, potentially triggering a reaction that releases hydrogen and causes a fire. You can check the current battery status using the battery indicator, which is available on almost all devices (please check its location and operation method at the time of purchase).

CAUTION:

- Be careful — damaged batteries may release harmful substances.
- If the battery is replaceable (removable), and you discover problems with its performance, contact a service center (see the warranty period in the warranty information). If the battery is built-in (an integral part of the device), the warranty applies to the device itself. You should also contact a service center. The sooner you bring a malfunctioning battery in for repair, the more likely it can be restored with minimal cost.
- Battery operating time depends on many other factors, and the actual operating time may differ from the stated value.
- Rechargeable batteries have a limited number of charge cycles and may eventually need replacement (see the limited warranty conditions for the battery in the warranty information). Battery operating time depends on the usage mode and settings.

Low-Temperature Operation Warning

The optimal temperature range for using the device is 0°C to +35°C.

We do not recommend using the device at temperatures below 0°C or above +35°C, as this may result in the following:

- displays experience incorrect color reproduction, reduced response time, and a sharp increase in contrast — the screen may simply «go black»; at a certain temperature, the image «freezes» — becomes stationary, even though the device is still functioning;
- most displays regain their normal functions after warming up, but severe cooling can cause displays to fail;
- batteries are not designed for use at low temperatures;
- a device with an overcooled battery may shut down spontaneously, regardless of how recently it was charged;
- you can restore battery functionality (at least partially) by warming the device to room temperature;
- energy consumption in the cold, numerous freeze/thaw cycles, and severe battery overcooling — all of these significantly reduce the maximum battery capacity of the device.

When the device is deeply cooled (below -20 °C) and then warmed up, condensation may form on the internal components.

Repeated condensation can oxidize metal circuit elements, potentially causing the device to fail.

When cooled, the device's internal components, the display and housing, become more brittle and vulnerable to damage when frozen.

To avoid the effects of overcooling:

- **Keep the device warm.** It is not advisable to store the device in bags, briefcases, and other similar places. If the device is in a bag, it is better to keep it in an insulated case. Short-term use of the device at low temperatures is acceptable.
- **Charge the device when it is warm.** Lithium-ion batteries should only be charged at temperatures between +5°C and +45°C. When coming in from the cold, allow the device to warm up to room temperature before connecting the charger.
- **Avoid thermal shock.** After returning to a warm room, give the device time to warm up gradually. This will prevent condensation from forming inside the device and protect it from corrosion. Rapid heating near heat sources can cause damage to the screen elements and internal circuits of the device, as well as failure of the device battery.

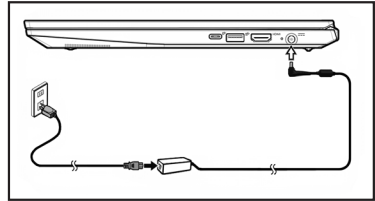
Safe Operating Conditions for the Laptop

- Follow all instructions and warnings provided with the laptop.
- Turn off the laptop and disconnect it from the power source before cleaning it or connecting/disconnecting peripheral devices.
- Place the laptop on a flat and stable surface.
- Do not use liquid, aerosol, or abrasive cleaning agents to clean the laptop. Use a soft cloth slightly dampened with water.
- Do not place the device in locations where it may be exposed to vibration (e.g., on top of a washing machine).
- When moving the laptop from a cold environment to a warm one, allow the device to reach room temperature (leave it at rest for at least one hour at a temperature between +18 °C and +25 °C).
- Do not place the operating laptop directly on exposed body parts (legs, stomach, etc.).
- Do not allow moisture or liquids to come into contact with the laptop or its components. Avoid exposing the laptop to dust and dirt.
- Do not carry the laptop constantly in a tightly packed bag (except for specially designed ones). Additionally, do not transport the laptop while it is turned on.
- Never lift or hold the laptop by the display.
- Do not keep the laptop closer than 15 cm to devices that generate strong electromagnetic radiation (refrigerator, television).
- Do not turn the laptop over when it is connected to the charger (this may damage the cable).
- The slots and openings in the laptop housing are designed for ventilation. They ensure reliable operation of the laptop and protect it from overheating. Do not block or cover them.
- Do not allow any objects to enter the laptop through the openings in the housing.
- Do not use the laptop for extended periods on a bed or carpeted surface, as heat accumulates underneath it.
- Do not subject the running laptop to impacts. Any impact, even a minor one, can have serious consequences, primarily for the laptop screen and its hard drive.
- Use only the power adapter supplied with the device.
- For safety reasons, it is strictly prohibited to use the laptop in explosive environments.
- Do not allow foreign objects to enter the laptop connectors (e.g., paper clips).
- Do not place the power adapter on heat-sensitive surfaces.
- To avoid damaging the speakers, do not set the volume level to a point that causes obvious sound distortion.
- Never turn off or restart the laptop while the hard drive is being accessed, as indicated by the corresponding LED indicators, as this may result in data loss or damage to the HDD itself.
- Do not turn on the laptop within 5 seconds after turning it off. Hasty power-on may cause damage to the device.

Operating Instructions

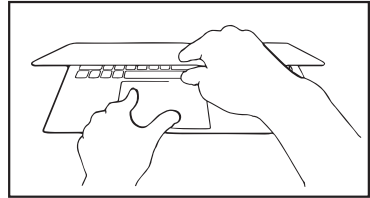
Before First Use

1. Remove all packaging materials.
2. Place the laptop on a flat, stable surface.
3. Connect all peripheral devices you wish to use with the laptop (headphones, keyboard, mouse, etc.).
4. During the initial setup of the laptop, follow the steps described below (to protect the computer during transportation, the battery is locked to prevent the system from powering on until the power adapter is connected):
 - Connect the adapter cable to the power connector on the side of the laptop, then plug the adapter into a power outlet, as shown in the diagram below. The battery will be unlocked.
 - Charge the battery for 6 hours for the first time. After that, 4 hours will be sufficient for a full charge.



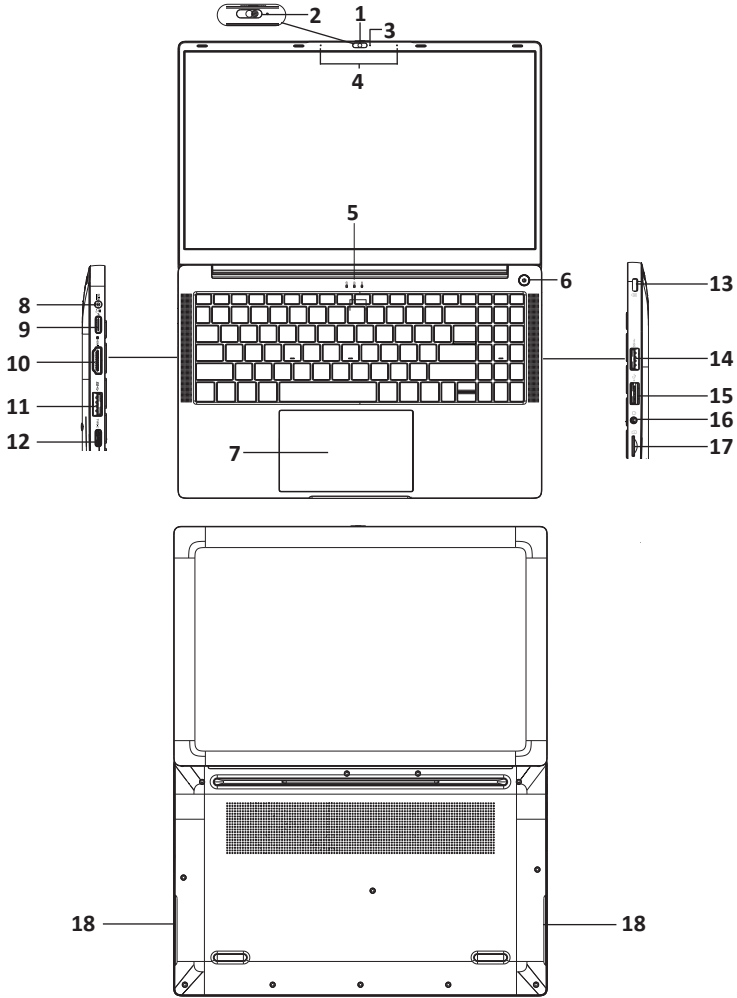
Operating the Device

1. With one hand, lift the laptop lid to a comfortable viewing angle; with the other hand, support the base.
CAUTION: Never lift the device by the lid.
2. Press and hold the power button to turn on the laptop.
3. A short press of the power button opens a menu from which you can turn off/restart the device or enter sleep mode.



Note: The image is for reference only; the actual appearance of the device may differ.

Device Diagram



- 1. Camera.
- 2. Camera shutter.
- 3. Camera indicator.
- 4. Microphone.
- 5. Indicators: Power / caps lock / num lock.
- 6. Power connector.
- 7. Touchpad.
- 8. Power connector.
- 9. USB Type-C connector.
- 10. HDMI connector.
- 11. USB 3.2 Gen 1 connector.
- 12. USB Type-C connector (data transfer only).
- 13. Kensington security lock slot.
- 14. USB 3.0 connector.
- 15. USB 2.0 connector.
- 16. 3.5 mm audio jack.
- 17. MicroSD card slot.
- 18. Speakers.

Specifications

| | |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Model extension | C15-I3W500 |
| Trademark | DEXP |
| Model | Aquilon |
| Screen size | 15,6" |
| Resolution | Full HD (1920 × 1080) |
| Panel technology | IPS |
| CPU | Intel® Core i3 1220P |
| CPU frequency, GHz | 1,5–4,4 |
| Number of CPU cores | 10 |
| RAM (SO-DIMM), GB | 8 |
| Internal SSD Storage, GB | 256 |
| GPU | Intel® UHD Graphics |
| Battery type | Li-ion |
| Battery capacity | 5500 mAh |
| Power adapter | Input: 100–240 V ~ 50 Hz Output: 19 V = 3,42 A |
| Cord type | X |
| Protection class (adapter) | II |
| Protection class (laptop) | III |
| Camera, MP | 2 |
| Wi-Fi | Network standard: IEEE 802.11 a/b/g/n/ac Radio spectrum: 2400–2483,5 MHz, 5150–5350 MHz, 5650–5850 MHz Transmitter power: up to 100 mW |
| Bluetooth | Network standard: IEEE 802.15 Radio spectrum: 2400–2483,5 MHz Transmitter power: up to 100 mW |
| Operating system | MS Windows Pro |
| Peripheral connectors | Power connector Type-C Type-C (data transfer only) HDMI 1.4 USB 2.0 USB 3.0 3.5 mm audio jack USB 3.2 Gen 1 Micro SD |
| Luminance, cd/m ² | 300 |
| Graphics accelerator type | Integrated |
| Speaker power | 2 × 2 W |

Package Contents

- Device.
- Power adapter.
- User manual.

Troubleshooting Guide

| Issue | Possible Cause | Solution |
|-----------------------------|---------------------------------------------------|---------------------------------------------------------------------------------------------|
| The device does not turn on | The power cord is not properly connected | Ensure that the power cord is connected properly |
| | The device is not turned on | Ensure that the device is turned on |
| | The battery is depleted | If the battery is completely depleted, charge it for one hour before powering on the device |
| The screen is very dark | The screen brightness is set to the minimum level | Open the Control Panel and set the display brightness to a value above 50% |

Caution: If the above measures did not resolve the issue, or if your issue is not listed in this section, it is recommended to discontinue use of the device immediately and contact an authorized service center.

Rules and Conditions for Installation, Storage, Transportation, Sale (Distribution), and Disposal

- This device requires no assembly or mounting.
- The device must be stored in its original packaging, on heated premises, both at the manufacturer's and at the consumer's sites. The ambient temperature should be between +5 °C and +40 °C, and the relative humidity should not exceed 80% (non-condensing). The storage area must be free from aggressive contaminants (e.g., acid or alkali vapors) that could cause corrosion.
- The device must be transported in a dry place.
- The device requires careful handling. Protect it from exposure to dust, dirt, impact, moisture, fire, and other hazards.
- Sale or distribution of the device must be carried out in accordance with local legislation.
- Upon expiration of the device's service life, it must not be disposed of with unsorted household waste. Instead, it must be taken to an authorized collection point for electrical and electronic equipment for subsequent recycling and disposal in accordance with federal or local legislation. By ensuring proper disposal of this product, you help conserve natural resources and prevent potential harm to the environment and human health that may result from improper handling. For more detailed information about collection and disposal points for this product, please contact your local municipal authorities or your household waste disposal service.
- If a device malfunction is detected, immediately contact an authorized service center or dispose of the device.

Warranty Information

The manufacturer guarantees the device will function properly throughout the warranty period and be free from defects in materials and assembly. The warranty period commences on the date of purchase and applies to new products only. Warranty service includes free repair or replacement of defective parts that fail during the warranty period, provided the failure is not caused by consumer misuse and the product is operated in accordance with the user manual. Repairs or part replacements shall be performed at authorized service centers.

Warranty Period: 12 months.

Service Life: 24 months.

For the up-to-date list of authorized service centers, please visit: <https://www.dns-shop.ru/service-center/>

Additional Information

Manufacturer: Dong Guan Lian Zhou Electronic Technology Co., Ltd.

Building 1, No.10 Fenggang Technology Road, Fenggang Town, Dongguan City, Guangdong Province, China.

Made in China.

The product meets the requirements of the CU TR (EAEU).

Product specifications, information and appearance are subject to change without prior notice, for quality improvement of our products.



Production date (mm.yyyy): _____ V.1

