# User Manual

All-in-One Computer
Mars MA30HE
Mars MA70HE
Jupiter JU30HE
Jupiter JU70HE

DEXP

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# Dear Customer,

Thank you for choosing our products.
We are pleased to offer you products and devices designed and manufactured to the highest standards of quality, functionality, and design. Before using the product, 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

An all-in-one computer is a type of personal computer designed for work, study, entertainment, and a wide range of other tasks.

# Safety Precautions

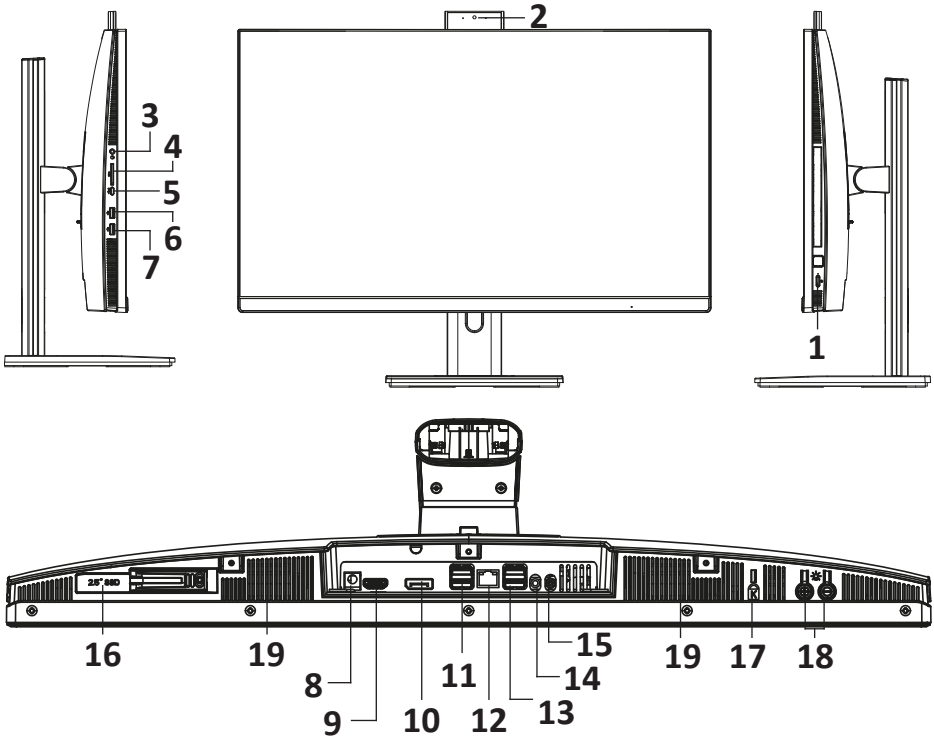
- Turn off the all-in-one computer and disconnect it from the power supply before cleaning it or connecting or disconnecting peripheral devices.
- Do not use liquid or aerosol cleaning agents. Clean the housing with a soft cloth slightly dampened with water. Clean the screen with special wipes designed for LCD screens or a soft, dry cloth.
- Do not leave the all-in-one computer in direct sunlight or near heat sources.
- Protect the all-in-one computer from excessively high or low temperatures.
- Avoid operating the all-in-one computer near sources of electromagnetic fields.
- Protect the all-in-one computer from impacts and vibrations.
- Never turn off or restart the all-in-one computer while it is accessing a storage drive, as indicated by the corresponding activity lights. Doing so may cause data loss or damage the device. Wait at least 5 seconds after shutting down the all-in-one computer before turning it on again. Turning it on too soon may damage the device.
- Protect the all-in-one computer from dampness, rain, dust, and dirt.
- Avoid using the all-in-one computer during thunderstorms. Disconnect its power cord from the power outlet to prevent damage.
- Do not place the all-in-one computer on moving objects or unstable surfaces where it could fall. A fall may cause serious damage to the device or personal injury.
- The openings in the all-in-one computer's housing provide ventilation. Never block or cover them, as proper airflow is essential for reliable operation and protection against overheating.
- Do not allow objects to enter the all-in-one computer through openings in its housing. They may cause a short circuit, resulting in fire or electric shock.
- Do not attempt to modify or repair the all-in-one computer yourself. Opening or removing the housing may expose you to electric shock.
- Use only the supplied power adapter. Other adapters may pose a risk of fire or explosion.
- Make sure the power cord and cables connected to peripheral devices are not pinched or weighed down by heavy objects. This can shorten the cables' service life and create a fire hazard.
- The device is not intended for commercial use.

- The device is not intended for use by children or persons with reduced physical, sensory, or mental capabilities unless they are supervised by a person responsible for their safety. Do not allow children to play with the device.
- Immediately disconnect the all-in-one computer from the power supply and contact qualified service personnel if:
  - The power cord or connector is damaged or defective.
  - The all-in-one computer has been directly exposed to water.
  - The all-in-one computer has been dropped or its housing has been damaged.
  - The all-in-one computer does not operate normally even when all instructions are followed.
- Keep the power outlet readily accessible and close to the all-in-one computer. To disconnect the equipment from the power supply, always unplug the power cord from the outlet.
- Do not connect any other devices to the all-in-one computer's power adapter.
- When unplugging the power cord, grasp the plug rather than pulling on the cord.
- Do not place the device where people may step on its power cord.
- When using an extension cord, make sure the combined current drawn by all connected devices does not exceed the extension cord's rated current. Also make sure the total current drawn by devices connected to the power outlet does not exceed the fuse rating.
- Do not overload power outlets, power splitters, or power strips by connecting too many devices. The total system load must not exceed 80% of the branch circuit's rated capacity. When using a power strip or extension cord, the load must not exceed 80% of its rated capacity.
- Before plugging the power adapter into a power outlet, make sure the outlet is properly grounded. Do not use an ungrounded power outlet.

## Precautions When Connecting External Devices

- Before connecting an external device, make sure you are using the correct port on the all-in-one computer. Connecting a device to an incompatible port may cause serious damage to the all-in-one computer. Such damage is not covered by the warranty.
- Do not pull on connected cables when moving the all-in-one computer or a peripheral device.
- Connect interface cables only when both the all-in-one computer and the external devices are completely disconnected from the power supply.

# Device Diagram



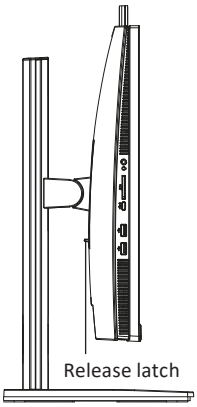

1. Power button.
2. Webcam.
3. Headphone jack (3.5 mm).
4. SD card slot.
5. USB Type-C port (data transfer only).
6. USB 3.2 port.
7. USB 3.2 port.
8. Power input.
9. HDMI port.
10. DisplayPort (DP).
11. USB 2.0 ports*.
12. RJ-45 port.
13. USB 3.2 ports.
14. Microphone jack (3.5 mm).
15. Headphone jack.
16. 2.5” drive bay.
17. Kensington security lock slot.
18. Brightness adjustment buttons.
19. Speakers.

* USB 3.2 + Type-C on the JU30HE and JU70HE models.

# Assembly

## Installing the Stand

1. Remove the device from its packaging and place it face down on a flat, soft, stable surface.
2. Insert the top of the stand arm into the mounting holes on the rear of the display at a slight angle. Press the release latch on the stand and align the arm with the back of the display.




## Removing the Stand

1. Place the device face down on a flat, soft, stable surface.
2. Slide the release latch downward and detach the stand from the rear panel of the device.

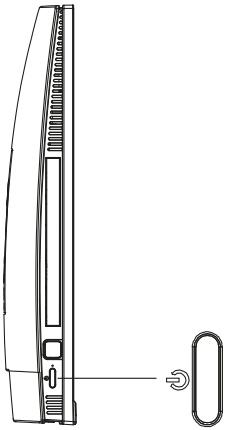
# Operating Instructions

## Connecting Peripheral Devices

1. Insert the supplied batteries into the battery compartments of the keyboard and mouse, observing the correct polarity.
2. Connect the keyboard and mouse USB receivers to the USB ports on the bottom or side panels of the all-in-one computer.
3. The wireless keyboard and mouse are ready to use.

## Getting Started

1. Place the all-in-one computer on a flat, stable surface, such as a desk.
2. Adjust the display to a comfortable viewing angle.
   - Upward tilt: 20°.
   - Downward tilt: 5°.
   - Screen rotation: Up to 90°.
3. Raise or lower the display to the desired height (adjustment range: 0–130 mm).
4. Connect the power adapter to the power input on the all-in-one computer, then connect the adapter to a power outlet.
5. Press and hold the Power button until an image appears on the screen.
6. During initial startup, follow the setup wizard to configure the operating system.
7. When setup is complete, wait for the system to finish loading and the desktop to appear.
8. The device is ready to use.



## Shutting Down the Device

1. Click «Start», then select the  icon.
2. Select «Shut down».

## Turning the Screen On/Off

When the all-in-one computer is not in use, we recommend turning off the display to protect it and conserve energy. To do so:

1. Click «Start», then select the  icon.
2. Select «Sleep».

**Note:** To save battery power, you can configure the screen to turn off automatically when the device is not in use.

# Cleaning and Maintenance

The all-in-one computer requires periodic cleaning to remove dust and dirt.

- To reduce dust buildup, use specially designed antistatic covers. Cover the all-in-one computer and its peripherals after shutting down the device.
- Clean the all-in-one computer's exterior as needed to remove dust, but at least once a month. Use a clean, soft, lint-free cloth dampened with soapy water. Alternatively, use cleaning products specifically designed for computer equipment.
- Wipe the screen with a clean, soft, dry cloth. If additional cleaning is necessary, use an antistatic cleaning product suitable for optical surfaces.
- After cleaning, do not turn on the all-in-one computer for 1–2 hours to allow any moisture that may have entered the device to dry.

**CAUTION!**

- Turn off the all-in-one computer and disconnect it from the power supply before cleaning.
- Do not clean surfaces with ethyl alcohol, acetone, gasoline, kerosene, or similar substances. Avoid cleaning products containing these substances, chlorine compounds, or other harsh chemicals. They may deform plastic parts or damage the finish of the housing.

# Specifications

| Model | **MA70HE** | **JU70HE** | **MA30HE** | **JU30HE** |
|---|---|---|---|---|
| Trademark | DEXP | | | |
| Screen diagonal | 27″ | | 23.8″ | |
| Number of CPU cores | 8 | | | |
| Power adapter specifications | Input: 100–240 V ~ 50–60 Hz<br>Output: 19 V ⎓ 6.32 A | | | |
| RAM capacity | 16 GB | | | |
| Operating system | Windows 11 Pro | | | |
| Webcam resolution | 2 MP | | | |
| Screen resolution | 1920 × 1080 | | | |
| Power cord attachment type | X | | | |
| Brightness | 250 cd/m$^2$ | | | |
| Processor | Intel Core i5-12450H | AMD Ryzen 7-7735HS | Intel Core i5-12450H | AMD Ryzen 7-7735HS |
| GPU | Intel UHD Graphics | AMD Radeon 680 M | Intel UHD Graphics | AMD Radeon 680 M |
| RAM type and speed | DDR4, 3200 MHz | DDR5, 4800 MHz | DDR4, 3200 MHz | DDR5, 4800 MHz |
| Solid-state drive | M.2 NVMe 2280, 512 GB | | | |
| Protection class (device and power adapter) | II | | | |
| Audio outputs | 2 × 3.5 mm jacks | | | |
| Video outputs | HDMI × 1, DP × 1 | | | |
| Wi-Fi standard | IEEE 802.11/b/g/n | | | |
| Wi-Fi frequency ranges | 2400–2483.5 MHz / 5150–5350 MHz / 5725–5850 MHz | | | |
| Wi-Fi transmitter power | < 20 dBm | | | |
| Bluetooth standard | IEEE 802.15.1 | | | |
| Bluetooth frequency range | 2400–2483.5 MHz | | | |
| Bluetooth transmitter power | ≤ 10 dBm | | | |
| Net weight | 7.17 kg | | 7.25 kg | |
| Scope of application | Domestic | | | |

## Package Contents

- All-in-one computer.
- Power adapter.
- Keyboard and mouse set.
- AA batteries (2 pcs).
- User manual.

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

- The installation and mounting conditions for the device are described in the «Assembly» section of this user manual.
- 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 under dry conditions.
- 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.
- Upon expiration of the service life of batteries supplied with the device, do not dispose of them with other household waste. Batteries must be disposed of in accordance with local waste recycling regulations to prevent potential environmental harm resulting from uncontrolled waste disposal.
- 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:** 24 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 technical regulations of the TR CU (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

