

105mm

148.5mm

MANUAL

EVOLVEO®

MODEL
Ptero Q2 / Q2+
Ptero Q2W / Q2W+
Ptero Q2G-WH / PteroQ2G-BK

VERSION / DATE
II. / 26. 6. 2025



EN

Installation manual



Open the left and right panels with the screws

Pull the front panel out from the bottom

Installing the motherboard



Motherboard location

Insert the I/O connectors into the I/O slot

Place the motherboard in place and secure it with screws

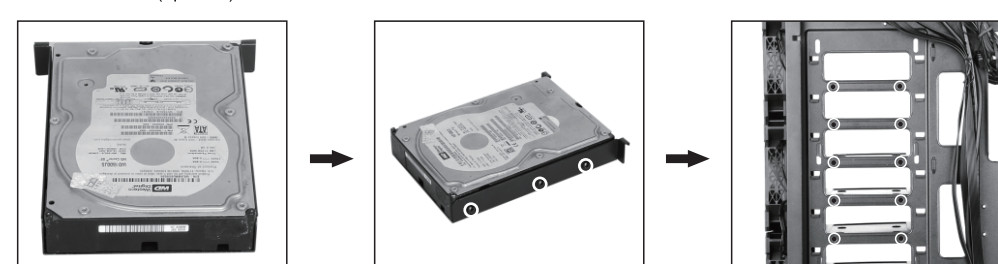
Installation of 2.5" SSD and 3.5" HDD next to the motherboard (optional)



Support for six 2.5" SSDs or 3.5" HDD (optional)

Place the SSD in place

Secure the SSD with MB screws from the back side

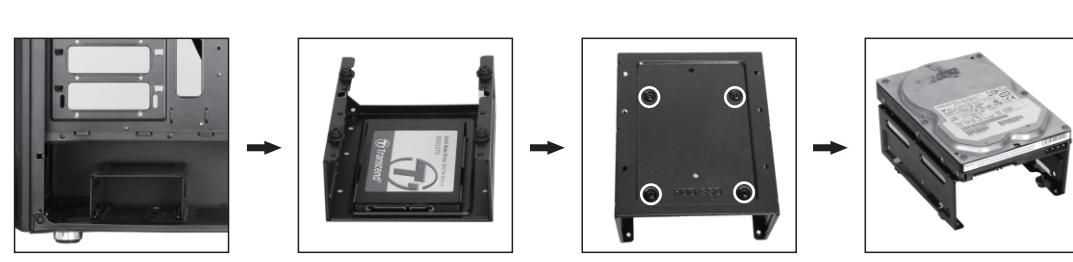


Put the HDD in place

Screw the HDD into the frame using the screws on the sides

Mount the SSD or HDD bracket into place

Installation of 2.5" SSD and 3.5" HDD on the bottom bracket

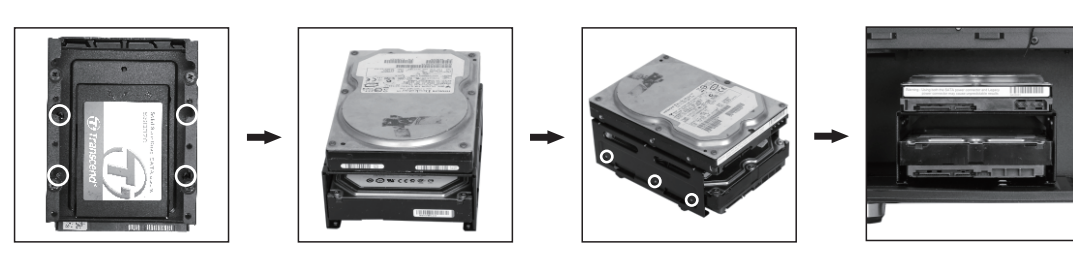


You remove the holder from the bottom of the case

Place the SSD in place

Secure the SSD with screws

Place the HDD in the location on the top of the bracket



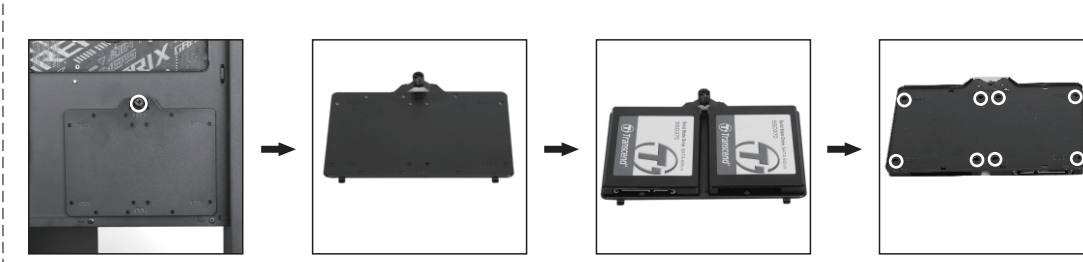
Secure the HDD using screws from the inside

Slide the HDD into the holder

Secure the HDD with the screws HDD from the sides

Insert the bracket back into the bottom of the case

Installation of 2.5" SSD and 3.5" HDD on the motherboard bracket

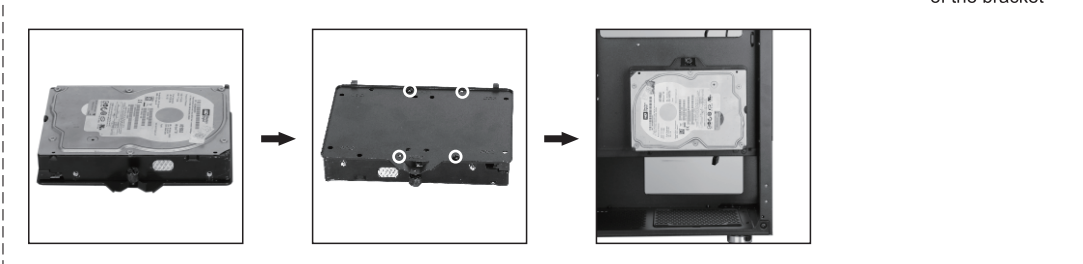


Remove the holder

Place 1x 3.5" HDD or 2x 2.5" SSD

Insert 2x 2.5" SSD into the bracket

Attach them with screws M/B from the back of the bracket

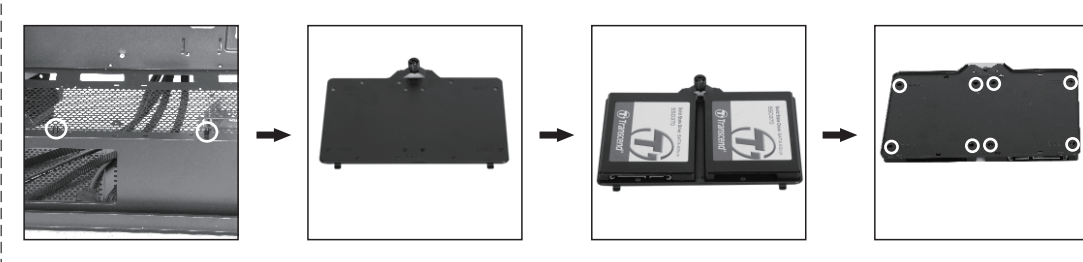


Insert 1x 3.5" HDD into the holder

Secure it with screws on the back of the holder

Secure the bracket with the screws into the enclosure

Installation of 2.5" SSDs and a 3.5" HDD on the PSU enclosure

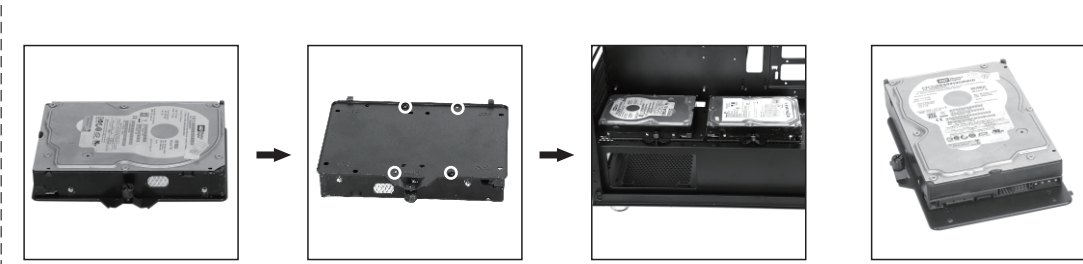


1x 3.5" HDD or 2x 2.5" SSD

Unscrew the screws and remove the bracket

Insert 2x 2.5" SSD into the bracket

Fasten them with the screws M/B from the back of the bracket



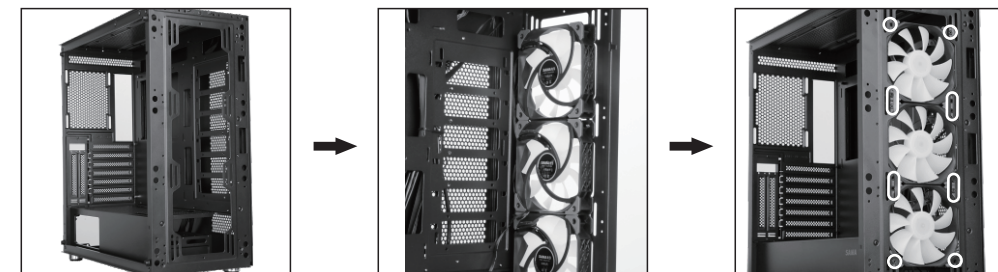
Insert 1x 3.5" HDD into the holder

Secure it with screws on the back of the holder

Secure the bracket with the screws

Left HDD as shown

Fans on the front



Fan location

Insert 3x 120mm or 3x 140mm fans into position

Fix fans with screws

Fans on the back

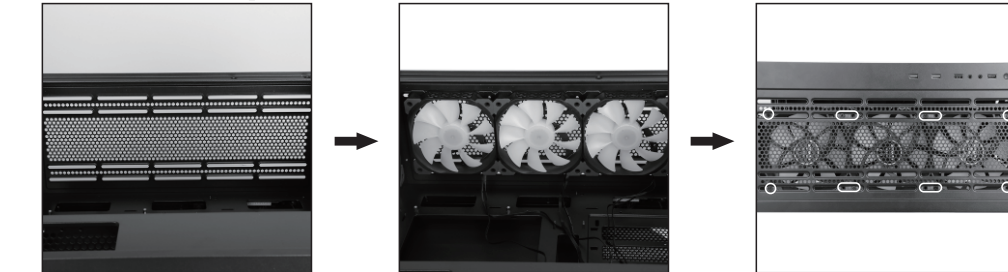


Fan location

Insert 1x 120mm fan in position

Fix fans with screws

Fans on top



Fan position

Insert 3x 120mm or 2x 140mm fans into place

Fixing the fans with screws

Fans on the PSU cover

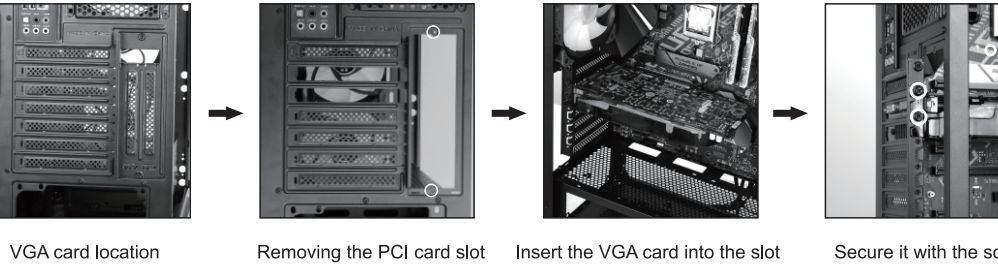


Fan position

Insert 3x 120mm fans into place

Fix the fans with long screws from the top of the fan

Transverse installation of a VGA card



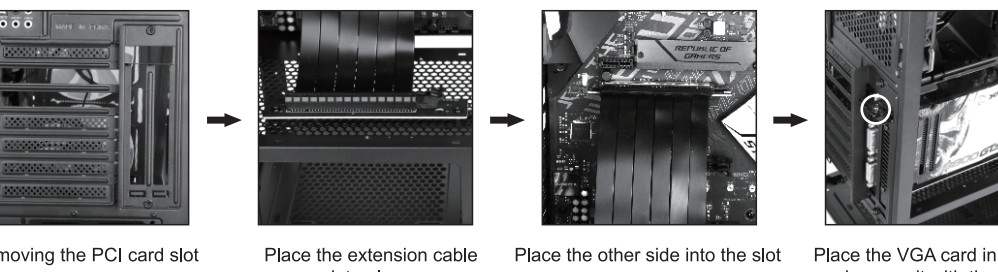
VGA card location

Removing the PCI card slot

Insert the VGA card into the slot

Secure it with the screws

Vertical installation of the VGA card



Removing the PCI card slot

Place the extension cable into place

Place the other side into the slot

Place the VGA card in the slot and secure it with the screws

Installing the power supply

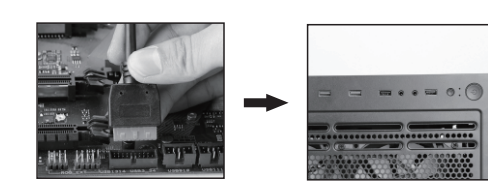


Power supply location

Place the power supply in position

Secure it with the screws

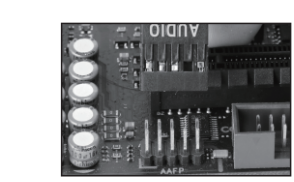
USB 3.0 installation



Connecting the USB 3.0 connector to the motherboard

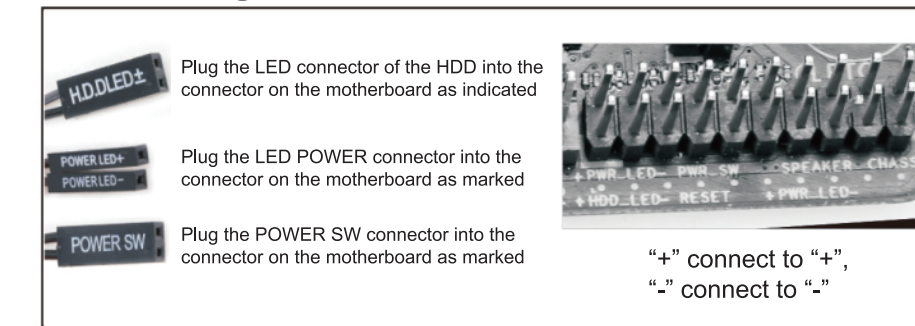
Ports I/O on the top side

HD audio installation



Connect the HD Audio connector to the motherboard

Connecting cables



Two front panels are included*:

- mesh
- glass

The dust filter and the front panels are attached with magnets, making it easy to customize the look of the computer case.

*does not apply to PteroQ2G models

Specifications:

- 4 ports x 5V ARGB 3pin fan connector
- 4 ports x standard 3pin FAN fan connector
- 2ports x 3pin LED strip connector
- 1 port x 5v ARGB 3pin M/B connection
- 1 port x SATAconnection to power supply
- 1 port x 2pin connection to LED switch

Computer case cooling

Ptero Q2+ and Q2W+ have the following fans installed:
3x 120mm ARGB - front
1x 120mm ARGB - rear

One of the above mentioned fans is called MASTER and this fan is connected to the LED button on the top of the computer case. The other three fans called SLAVE are connected to the MASTER fan. The Ptero Q2+ and Q2W+ computer cases also include an ARGB cable for connecting fan control to the motherboard.

Manual control of the LED fans using the LED button

Features:

1. Manual control by pressing the LED button
2. Press the LED button for 3 seconds to change the mode on the control base plate
3. Press the LED button for 5 seconds to turn off the LED power
4. Press the LED button to return to manual control with LED button
5. Up to 4pcs ARGB fans and 2pcs LED strips can be connected.
6. Random RGB effect from the first start

Disposal

The crossed-out container symbol on the product, in the enclosed documentation or on packaging means that all the electric and electronic equipment, batteries and storage cells in the European Union must be disposed of as sorted waste at the end of their service life. These products must not be disposed as unsorted municipal waste.

DECLARATION OF COMPLIANCE

Abacus Electric, s.r.o. hereby declares that the EVOLVEO Ptero Q2, Q2+, Q2W, Q2W+, Q2G complies with the requirements of standards and regulations relevant for this type of device.

For the full wording of the Declaration of Compliance see <http://ftp.evolveo.com/ce/>

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