Lenovo
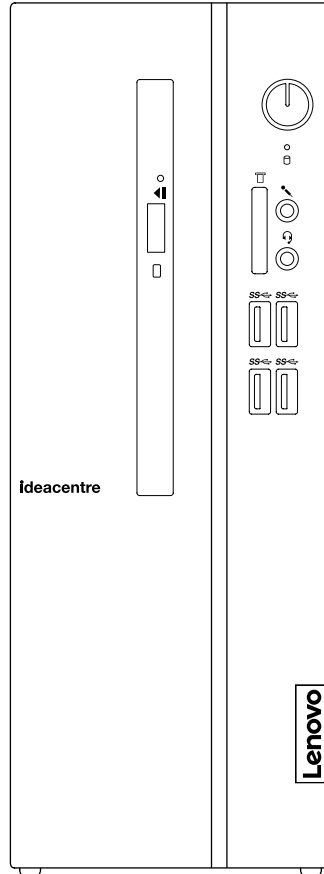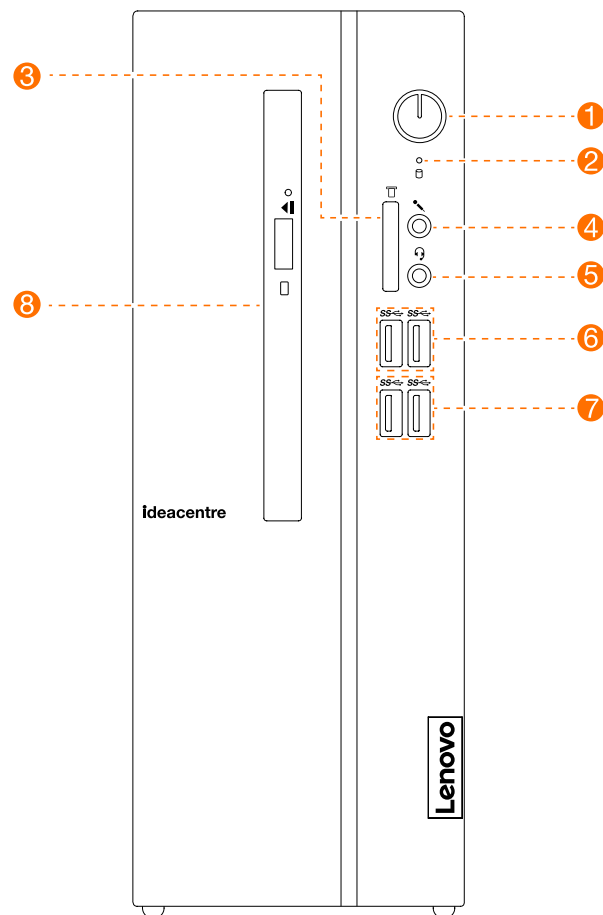
ideacentre 510S Desktop PC
User Guide

Machine Type (MT): 90LX [ideacentre 510S-07ICK/Energy Star]

Front view of the computer
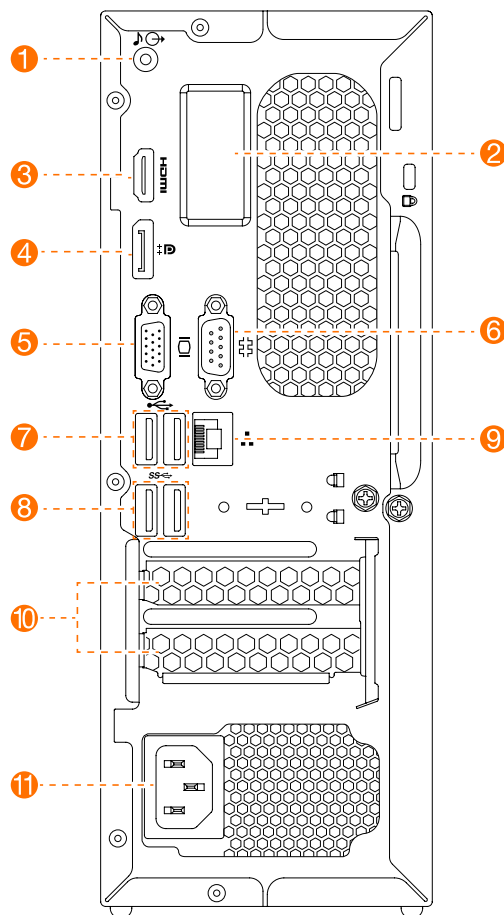

① Power button

② Hard disk drive indicator

③ Memory card reader
   (selected models only)

④ Microphone connector

⑤ Combo audio jack*

⑥ USB 3.0 connectors (2)

⑦ USB 3.0 connectors (2)

⑧ Optical Drive
   (selected models only)

* Combo audio jack: Used to connect headsets.

ATTENTION: Be sure not to block any air vents on the computer. Blocked air vents may cause thermal problems.

Rear view of the computer

❶ Audio connector

❷ Wi-Fi antenna
   (selected models only)

❸ HDMI-out connector

❹ DisplayPort® connector

❺ On-board VGA connector

❻ Serial connector

❼ USB 2.0 connectors (2)

❽ USB 3.0 connectors (2)

❾ Ethernet connector

❿ Expansion card slots

⓫ Power connector

NOTE: If your model has two VGA monitor connectors, be sure to use the connector on the graphics adapter.

ATTENTION: Do not open the Wi-Fi antenna cover.

Safety information for replacing CRUs

Do not open your computer or attempt any repairs before reading the "Important safety information" in the *Safety, Warranty, Environment, Recycling Information Guide* and *Important Product Information Guide* that was included with your computer.

If you no longer have this copy of the *Safety, Warranty, Environment, Recycling Information Guide* and *Important Product Information Guide*, you can obtain one online from the website at http://www.lenovo.com/UserManuals.

Pre-disassembly instructions

Before proceeding with the disassembly procedure, make sure that you do the following:

1. Turn off the power to the system and all peripherals.

2. Unplug all power and signal cables from the computer.
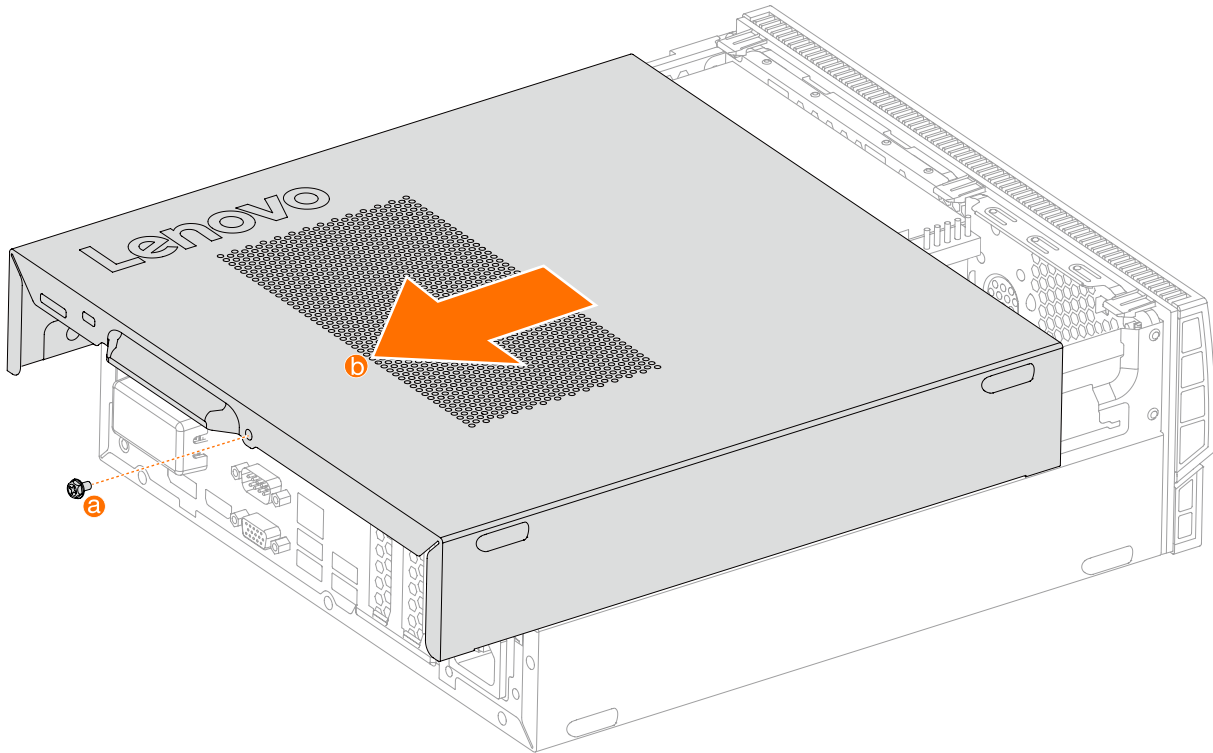
3. Place the system on a flat, stable surface.

CRUs for your computer include:

- keyboard
- mouse
- hard disk drive
- solid state drive
- optical drive
- card reader module
- PCI express adapter
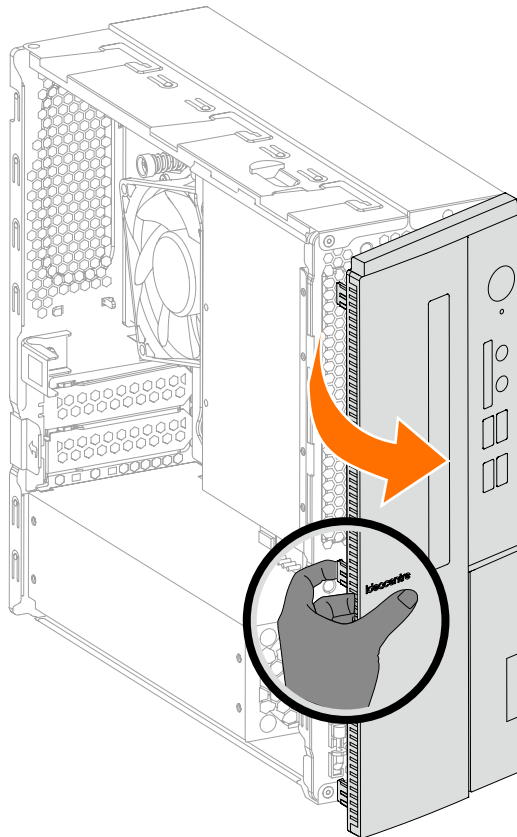- power supply
- memory module
- coin-cell battery

This part contains instructions for replacing the following parts:

- Card reader module (Follow steps: ❶ ❷ ❸)
- Optical drive (Follow steps: ❶ ❷ ❹)
- Hard disk drive (Follow steps: ❶ ❷ ❹ ❺)
- Solid state drive (Follow steps: ❶ ❻
- PCI express adapter (Follow steps: ❶ ❼)
- Power supply (Follow steps: ❶ ❽)
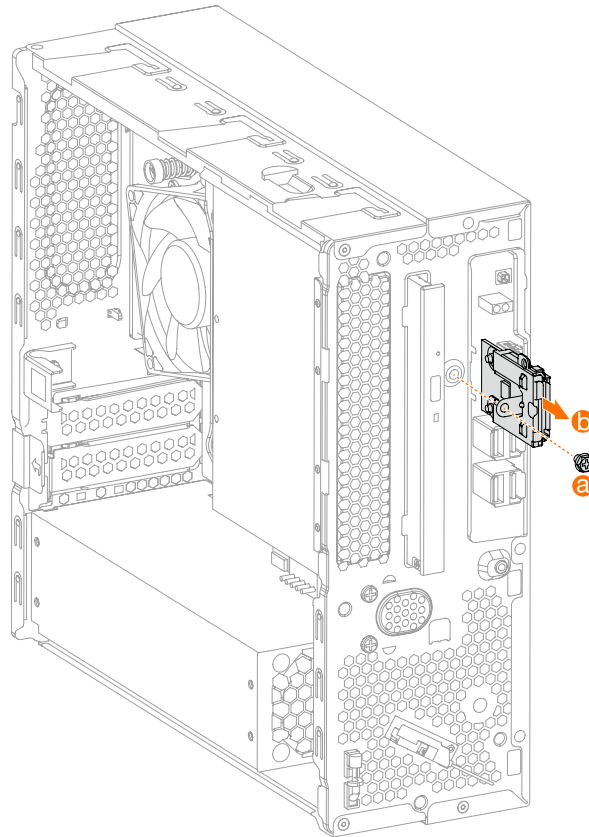- Memory module (Follow steps: ❶ ❾)
- Coin-cell battery (Follow steps: ❶ ❿)
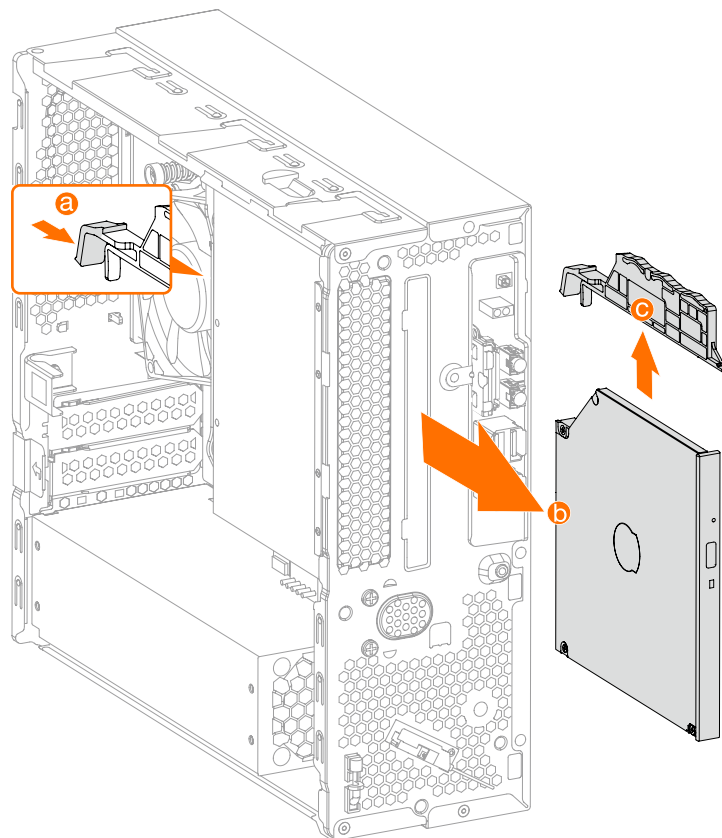
❶ Removing the computer cover

❷ Removing the front bezel

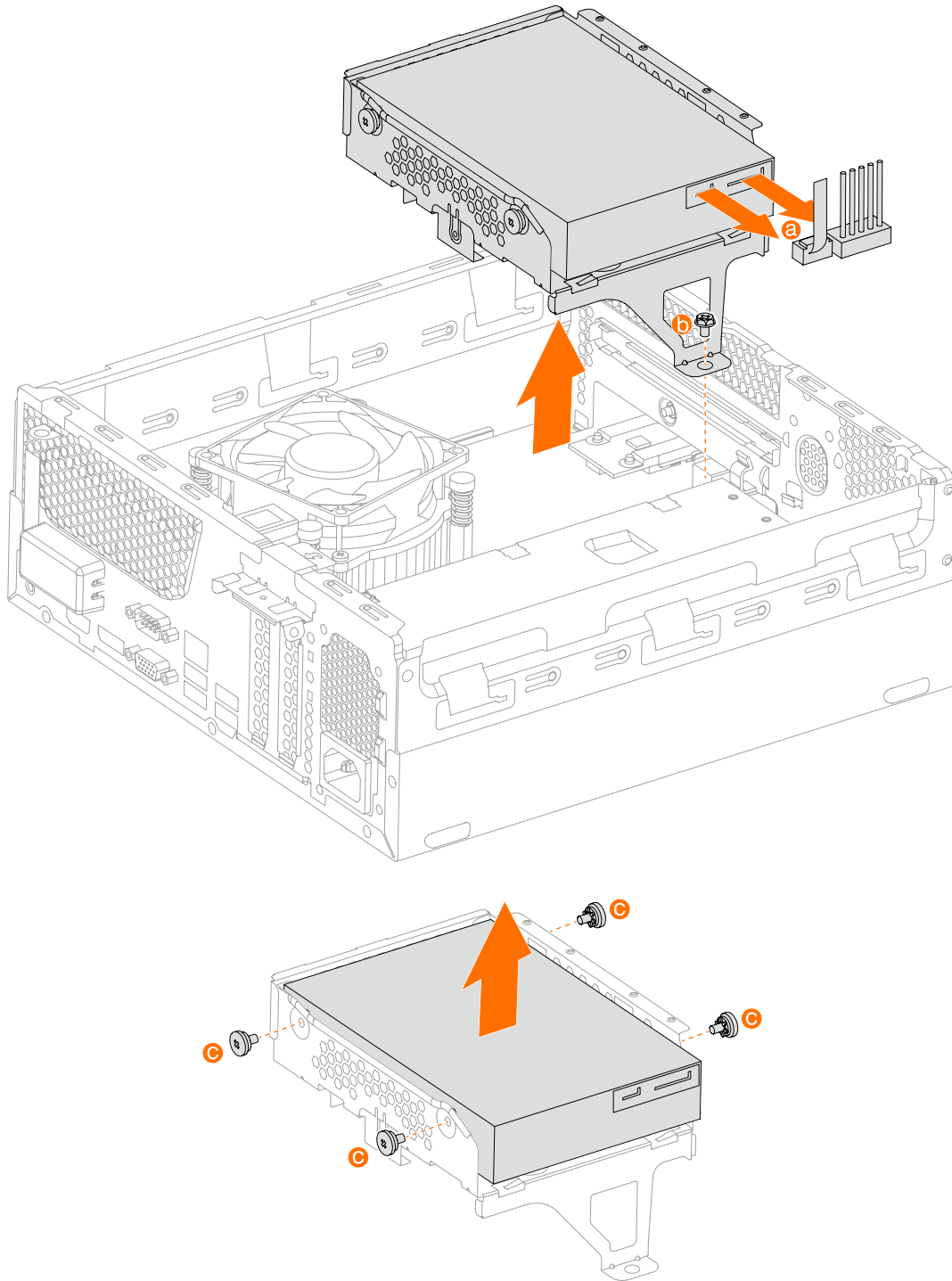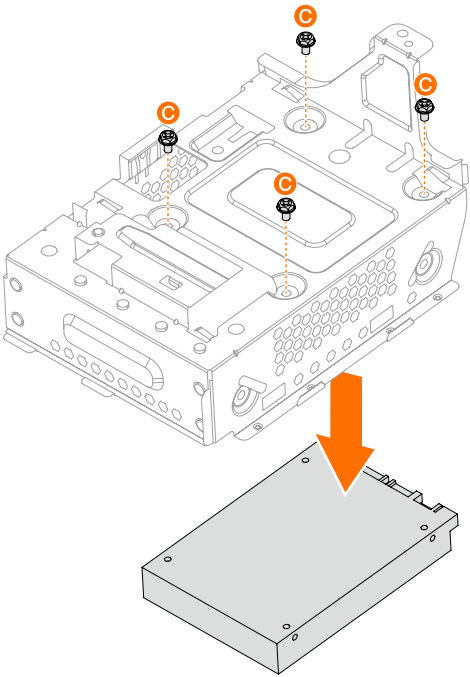# ❸ Replacing the card reader module

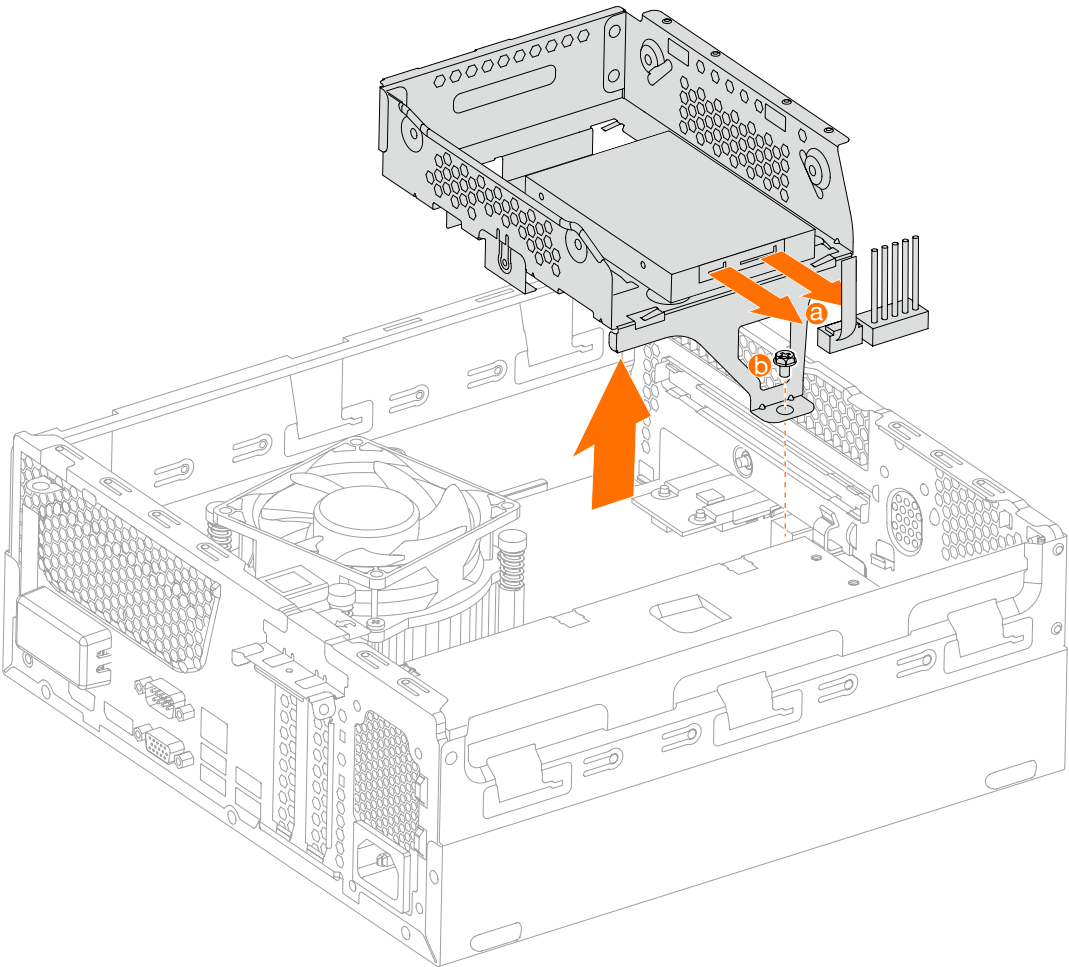# ❹ Replacing the optical drive

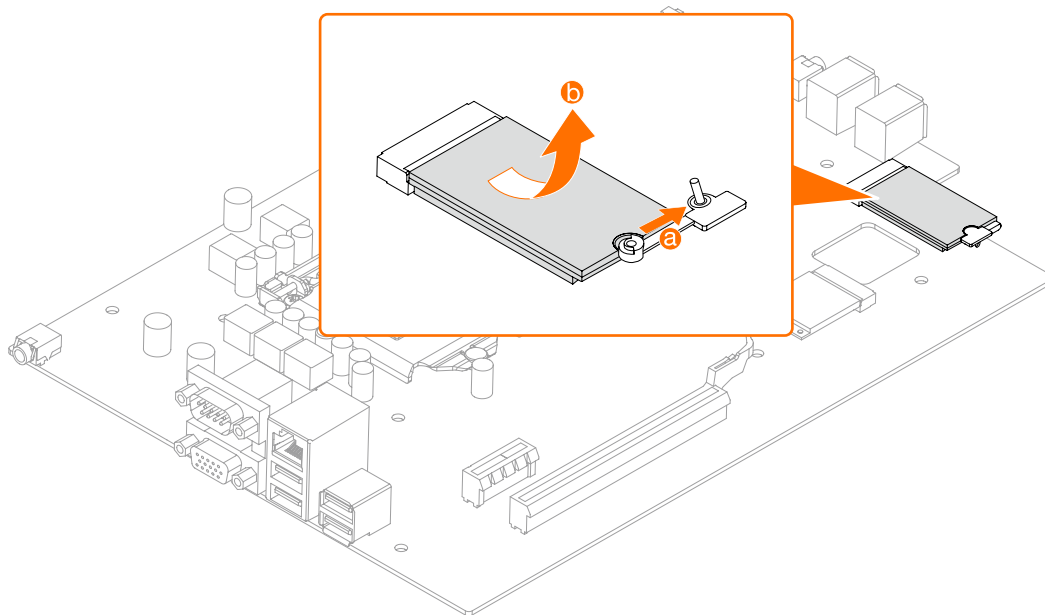# ❺ Replacing a hard disk drive
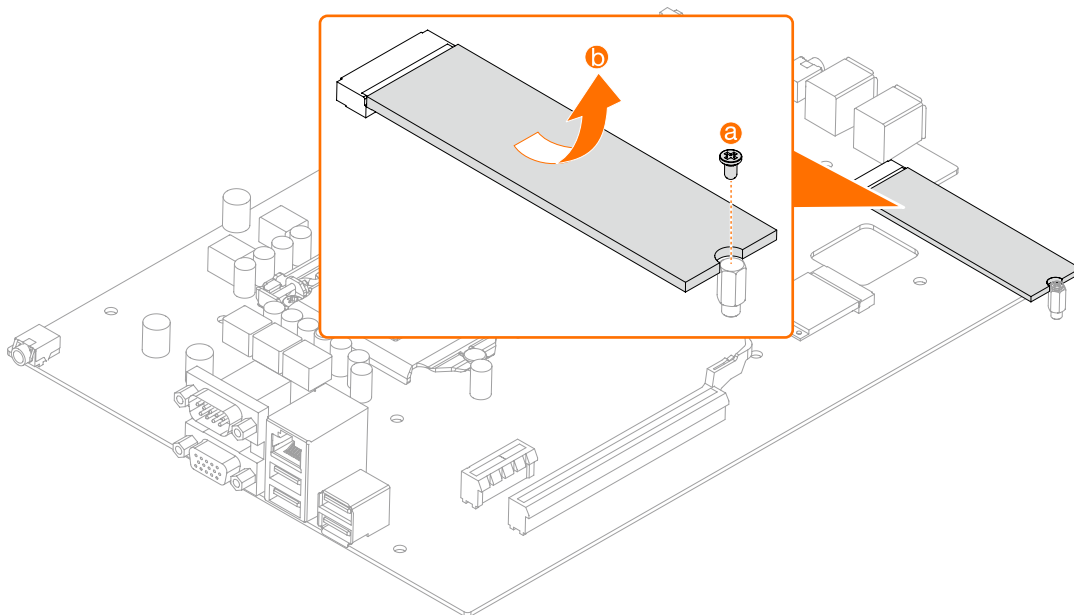
HDD: 3.5"

HDD: 2.5"

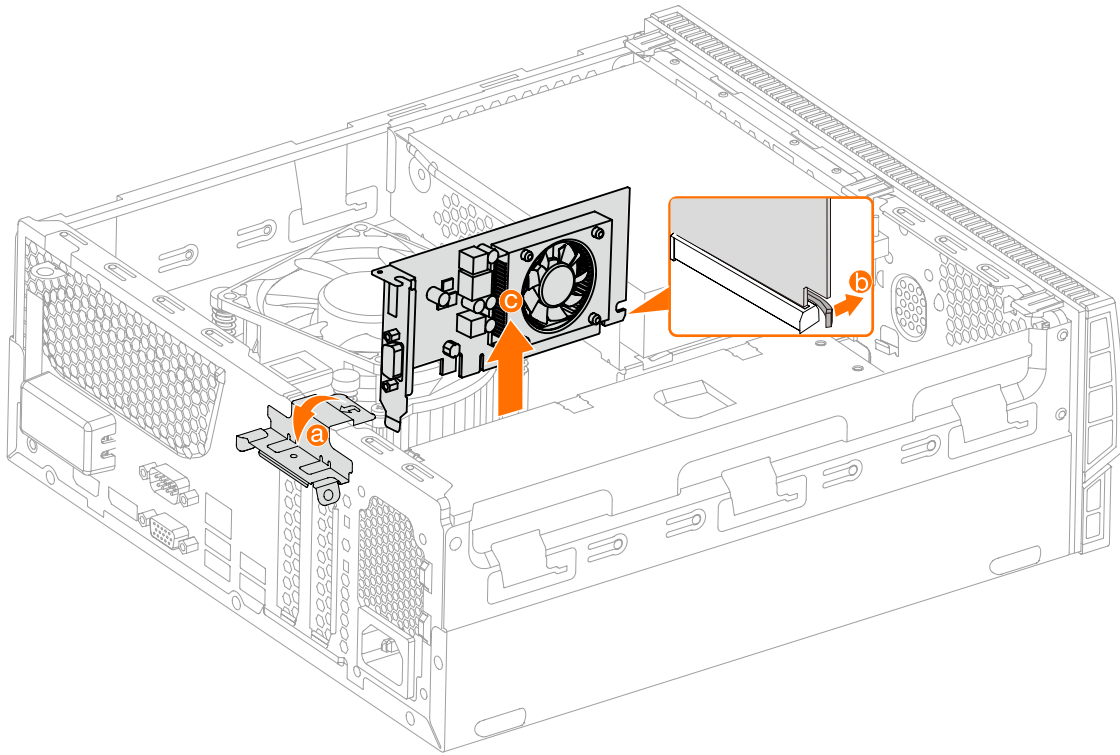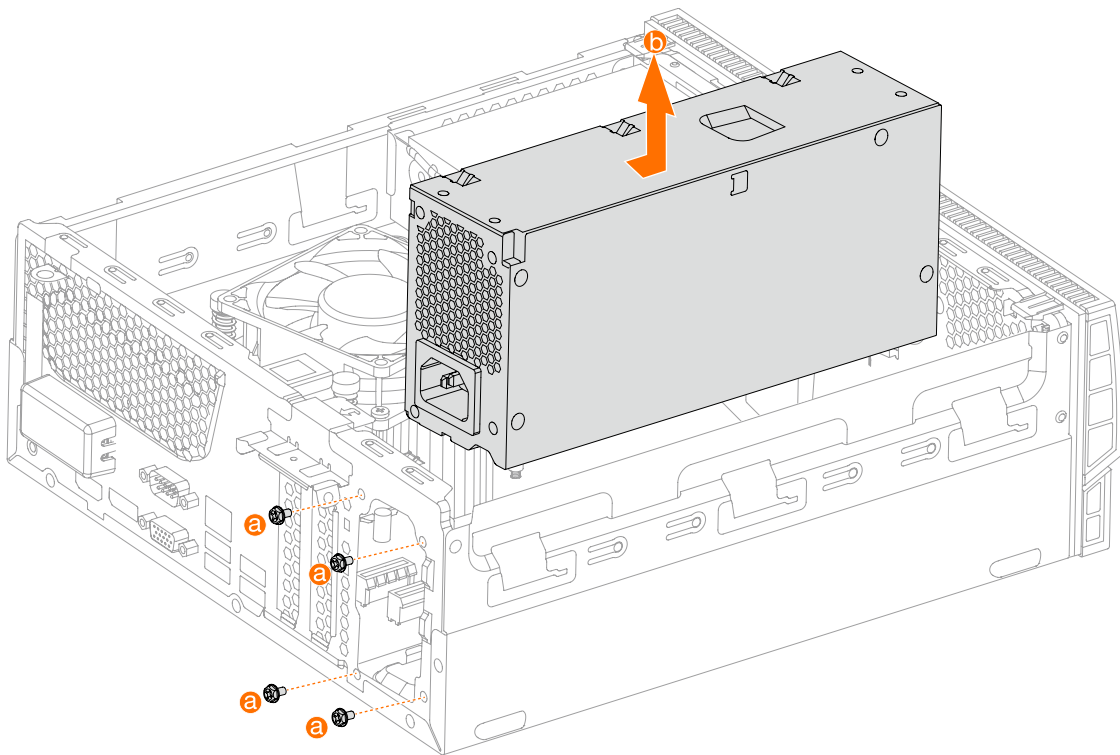# ⑥ Replacing a solid state drive

M.2 SSD 2242:

M.2 SSD 2280:

7 Replacing a PCI express adapter

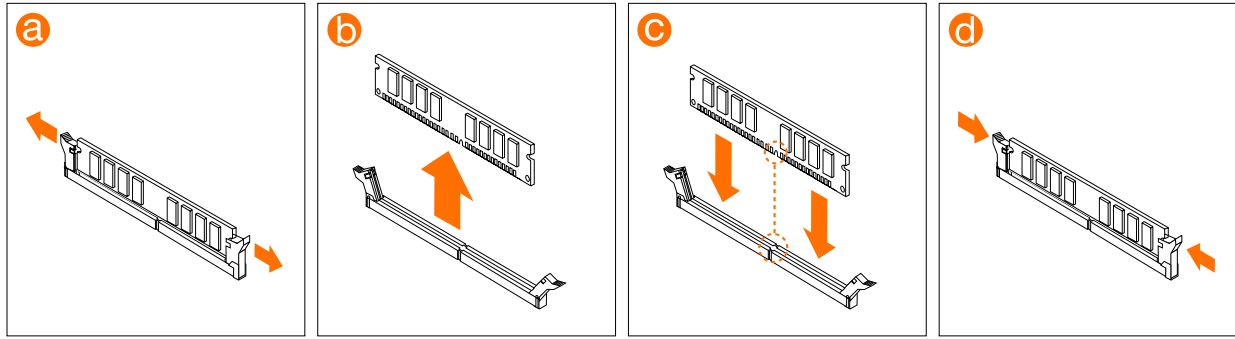# 8 Replacing a power supply

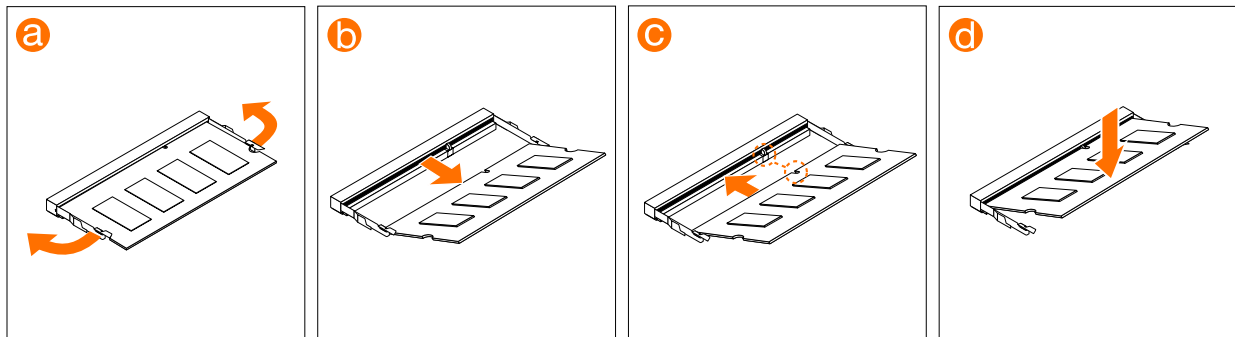# 9 Replacing a memory module

or

10 Replacing the coin-cell battery