P20U Series Quick Guide 【English】

Shuttle®

☞ Product Overview

- 01 LCD display (Multi-touch)
- 02 Webcam status LED
- 03 Webcam
- 04 4G external antenna x 2 (optional)
- 05 Power button
- 06 Kensington® Lock Hole
- 07 Microphone
- 08 SD card reader
- 09 USB 2.0 ports

- 10 Clear CMOS button
- 11 Microphone jack
- 12 Headphone / Line-out jack
- 13 HDMI port
- 14 USB 3.1 Gen 1 ports
- 15 LAN (RJ45) port
- 16 Power jack (DC-IN)
- 17 Cash drawer (RJ11) port (optional)
- 18 COM 1 and COM 2 ports

- 19 Hard disk drive LED
- 20 Power LED
- 21 MSR with/without transaction support (optional)
- 22 COM 3 and COM 4 ports (optional)
- 23 Line collection box
- 24 NFC (optional)
- 25 Mono speaker
- 26 Stand / Handle
- 27 D-Sub (VGA) port

☞ Placing on the desk

To place the machine on the desk and to carry it, do the following:

1. Place the P20U on a flat surface such as a table.
2. Pull the stand upwards to an angle of 55°.
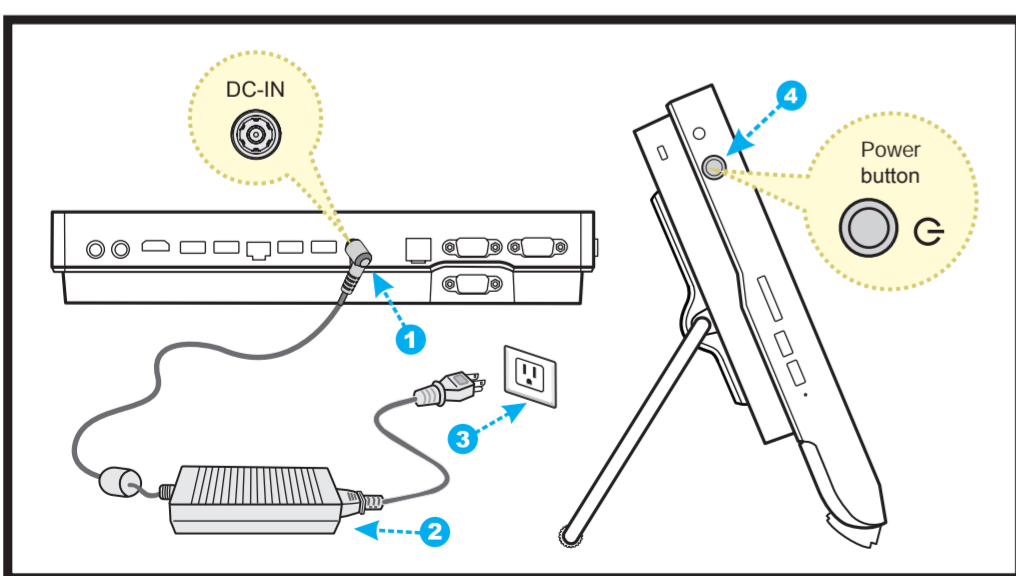3. To carry or move your P20U fully extend the angle to 180°.

☞ Powering on the system

Follow the steps 1 ~ 3 below to connect the AC adapter to the power jack (DC-IN).
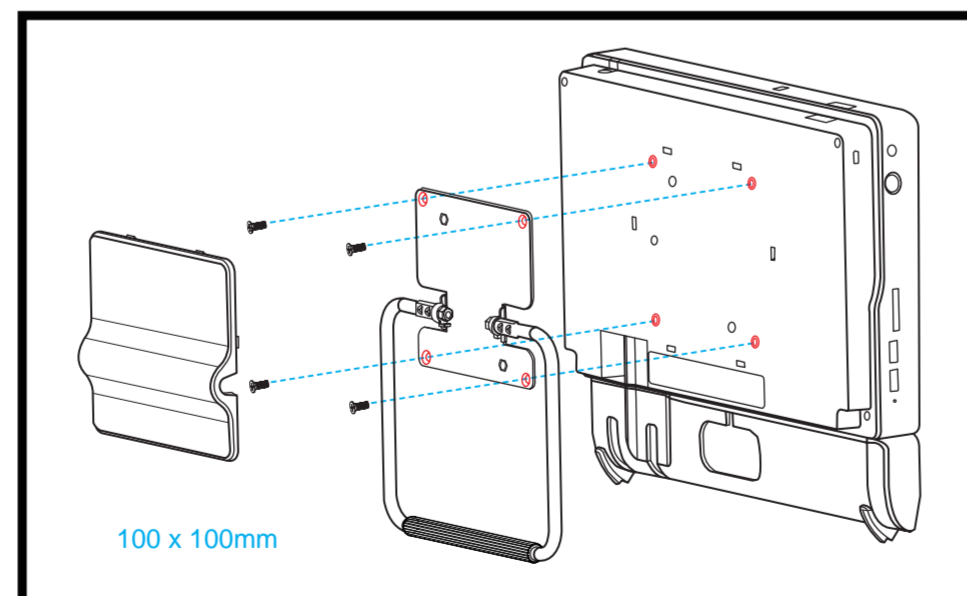4. Press the Power button to turn on the system.

☞ Cleaning the screen

Follow these guidelines for cleaning the outside and handling the screen of the computer:
Turn off the system and disconnect all cables.
Use a cleaning cloth which is soft, lint-free and a little damp to gently wipe the screen surface. Do not spray liquid directly on the screen.

☞ Follow the steps 1 ~ 3 to remove the line collection box cover

Pull it upward.
Pull the cover outward.
Pull it upward.

Place the cable/cord/wire inside the box and stow the extra cable lengths before closing the cover.

☞ VESA mounting it to the wall

100 x 100mm

If you are mounting your P20U to the wall, remove the cover on the back of the P20U first. Unscrew four screws of the stand mount and remove the stand. The VESA standard lets users mount it on to walls easily. Please refer to the user guide of the wall/arm mount kit you bought separately to install it.

Note : The P20U can be mounted to a wall using a VESA compatible 100 x 100 mm wall/arm bracket.

A. Begin Installation

⚠ For safety reasons, please ensure that the power cord is disconnected before opening the case.
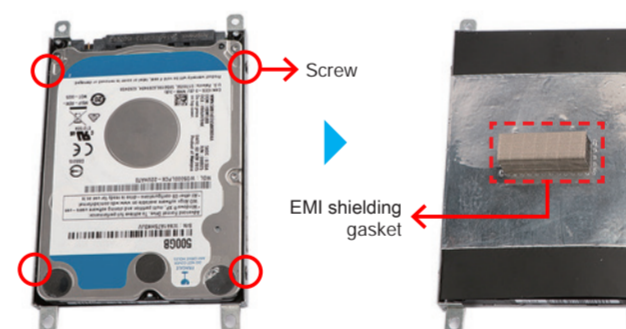
1. Unscrew four screws of the back cover.

Unscrew

2. Pull the back cover upward and remove it.
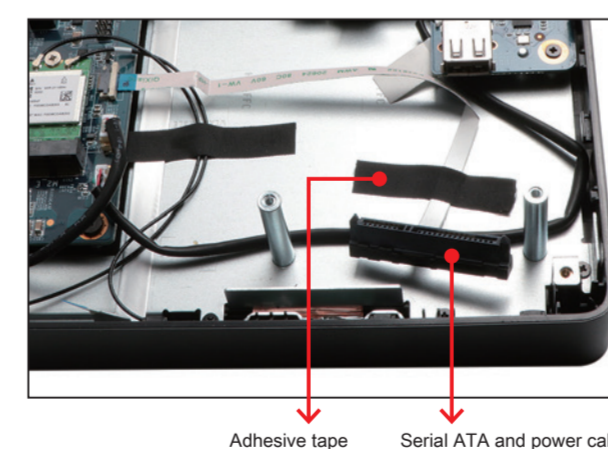

Back cover

B. HDD or SSD Installation

1. Place an HDD or SSD in the rack and secure with the four screws from the sides. Affix the EMI shielding gasket with the adhesive tape, as shown.

Screw

EMI shielding gasket

2. Tear off the adhesive tape of the serial ATA and power cable.

Adhesive tape   Serial ATA and power cable

3. Connect the Serial ATA and power cable to the HDD or SSD. Slide the rack into the chassis and refasten the screws.
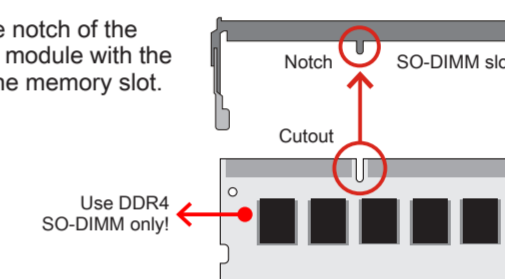

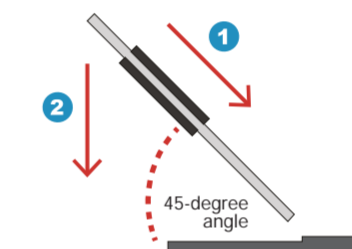Serial ATA and power cable
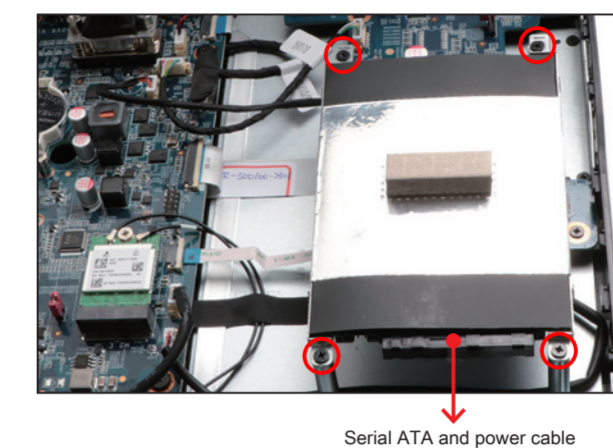
C. Memory Module Installation

⚠ This mainboard does only support 1.2 V DDR4 SO-DIMM memory modules.
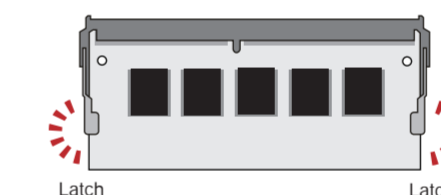
1. Locate the SO-DIMM slot on the mainboard.

2. Align the notch of the memory module with the one of the memory slot.
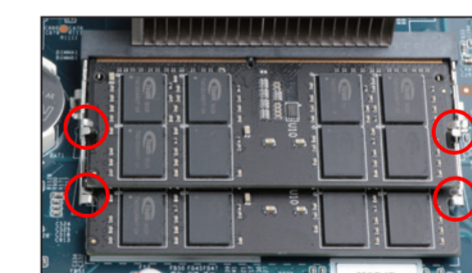

Notch   SO-DIMM slot
Cutout
Use DDR4 SO-DIMM only!

3. Gently insert the module into the slot in a 45-degree angle.

45-degree angle

4. Carefully push down the memory module until it snaps into the locking mechanism.

Latch   Latch

5. Repeat the above steps to install an additional memory module, if required.
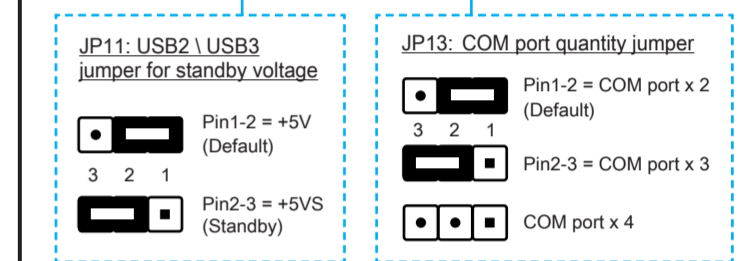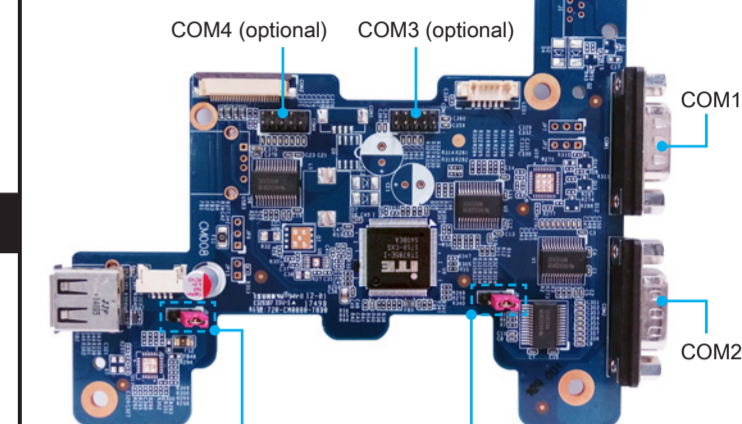

D. Component Installation

1. As shown, unfasten the screw first.

M.2 2242/2260/2280 M key slot

2. Install the M.2 device into the M.2 slot and secure with the screw.

➢ Daughter board (CM008)

COM4 (optional)   COM3 (optional)
COM1
COM2

JP11: USB2 \ USB3 jumper for standby voltage
Pin1-2 = +5V (Default)
Pin2-3 = +5VS (Standby)

JP13: COM port quantity jumper
Pin1-2 = COM port x 2 (Default)
Pin2-3 = COM port x 3
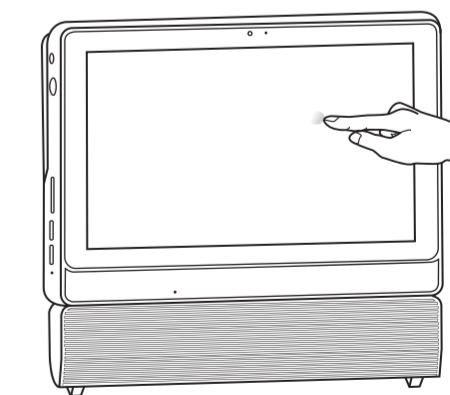COM port x 4

E. Complete

1. Replace the back cover and refasten the screws.

Screw

2. Complete.

➢ How to use the Touch Panel

The touch of your finger replaces the input devices and is all you need to operate the P20U.

☞ Safety Information

Read the following precautions before setting up a Shuttle P20U.

CAUTION   Do not walk on the power cord or allow anything to rest on it. Danger of explosion if battery is incorrectly replaced.
Replace only with the same or equivalent type recommended by the manufacturer.
Dispose of used batteries according to the manufacturer's instructions.

• 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.