

Mini Industrial PC H7

Intel 8th/10th Gen Core i3/i5/i7



Specification

i3-10110U/i5-8260U/i5-8265U
i5-10210U/i7-8665U/i7-10610U

* Bios Setup/Boot Menu: Delete =>Bios Setup, F11 =>Boot Menu;
BIOS: AMI (American Megatrends Inc)

* CPU Processor: i3-10110U/i5-8260U/i5-8265U/i5-10210U/i7-8665U/i7-10610U

* Cooling system/CPU fan dB: Fanless, Chassis + Cooling Pin

* TDP: 15W * Lithography: 14 nm

* Intel® AES-NI (Instruction Set): Support

* Motherboard chipset: No independent chipset, CPU integration

* Memory slot: 2*DDR4 260pin SODIMM, Max support 64GB RAM

* Storage: 1X SATA 3.0 for 2.5" HDD/SSD(no more than 7mm)
1*M.2 2280 Slot

* 8th-Graphics: Intel® UHD Graphics 620

* 10th-Graphics: Intel® UHD Graphics

* Supported Systems: Windows 10/Windows 11, Linux

(Pre-write the network card driver into the image file in advance
for Ubuntu/Centos/Pfsense/opnsense)

* Support Wake on Lan (Enabled in BIOS defaultly)

* Support Power on self starting by moving the PWRON1 jump cap
position on the main board (not enabled by default)

* Support PXE (Legacy only)

Internal functions

* 1 × MPCIE slot for installing WIFI/3G/4G modules.

* 1 × SIM Slot, available for Nano-SIM card only,

SIM dimension: 9MM × 12MM

* 1 × FP1 9Pin pin arrangement, to connect external
switches, restart, power indicator, hard disk indicator

Pin spacing: 2MM



Others

* Power input: 12V 5A

* Case Material: Aluminum Alloy

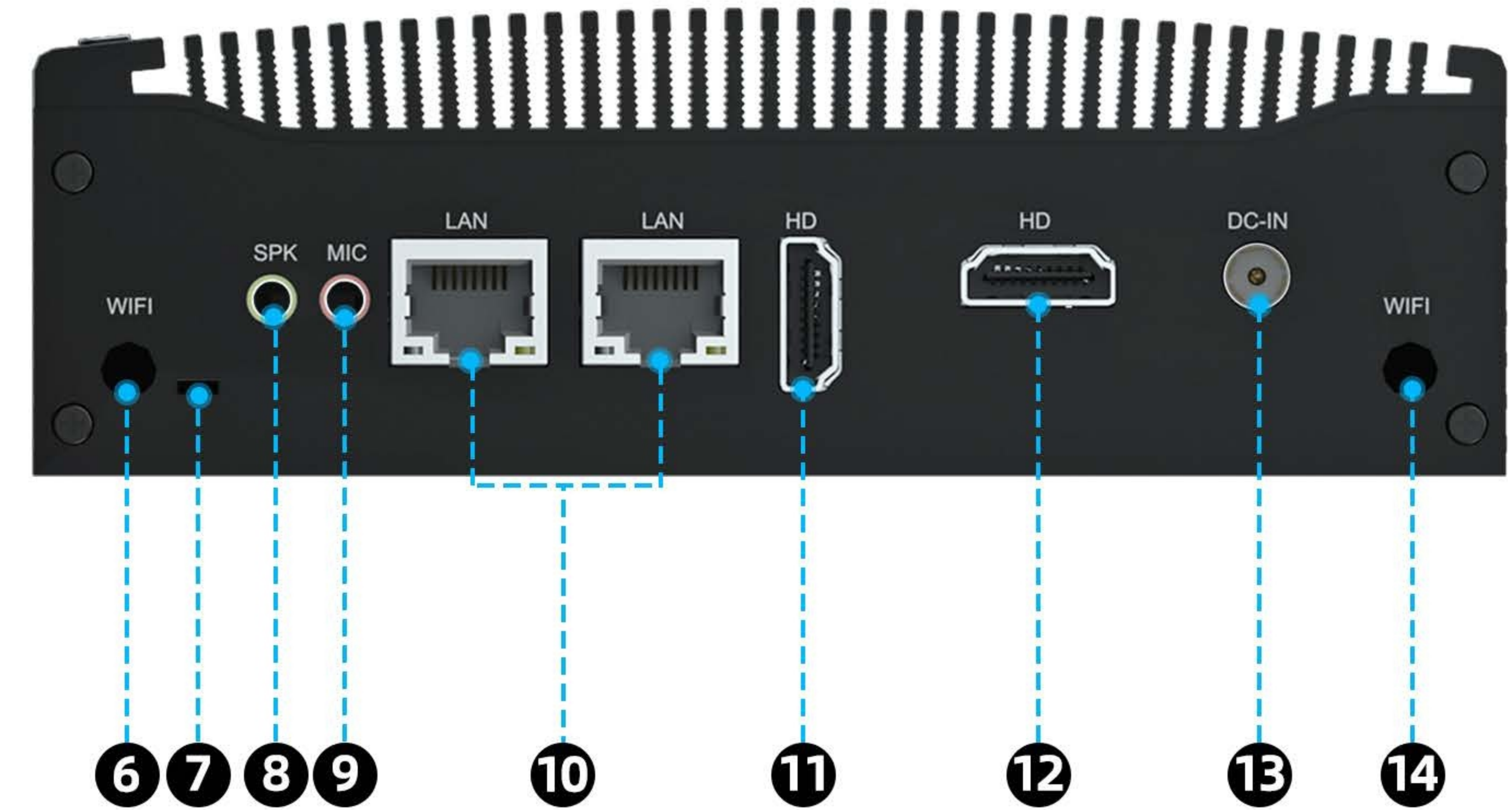
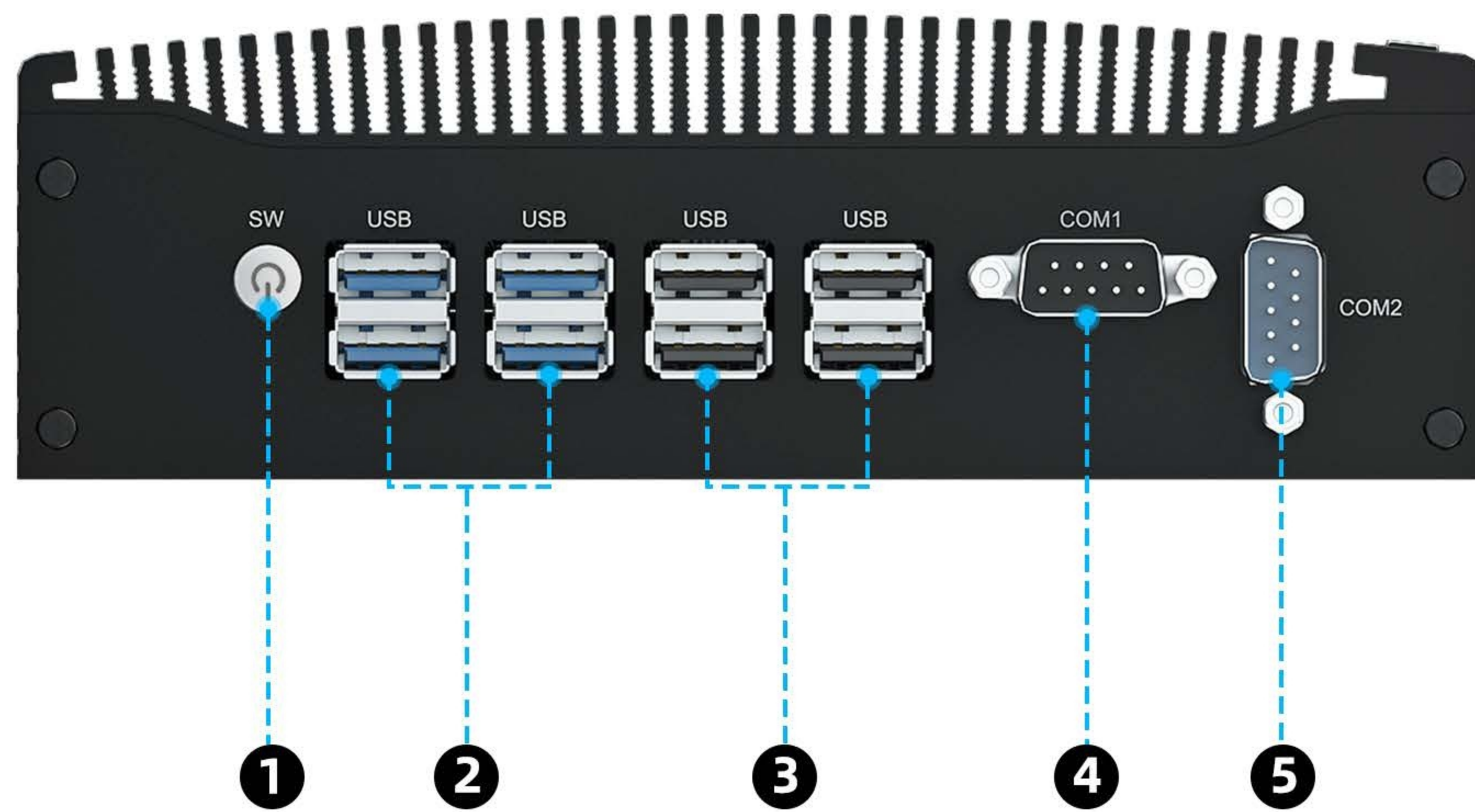
* VESA Mounting or Laying on desk

* Operating temperature: -10°C to 50°C

* Motherboard: Nano-ITX 120MM×120MM

* PC size: 170MM×126MM×58MM

* Net Weight: 1.1kg, Gross Weight: 1.9kg



Input/Output Interfaces

- 1** 1 x Power On/Off Switch

- 2** 4 x USB 3.0

- 3** 4 x USB 2.0

- 4** 1 x DB9 RS232 COM port

- 5** 1 x DB9 RS232 COM port

- 6** 1 x Wi-Fi Gain Antenna

- 7** 1 x Kensington Lock hole

- 8** 1 x 3.5MM Audio Out

- 9** 1 x 3.5MM Audio In

- 10** 2 x Gigabit RJ45 Lan Port

- 11** 1 x HDMI 4K 30HZ

- 12** 1 x HDMI 4K 30HZ

- 13** 1 x 5.5x2.5MM DC In Port

- 14** 1 x Wi-Fi Gain Antenna

Package Content

Standard:

- * 1 x Mini PC
- * 1 x Power Adapter
- * 1 x Power Cord
- * 1 x User Manual
- * 1 x SATA Cable
- * 1 x Screws Pack

Optional:

- * WiFi Antenna, VESA, HDMI cable,

H7 PC Chassis Layout

