

small computer

Product number: KBOX-101



【fanless silent computer】

Instruction Manual

Specifications

Model	KBOX-101	
Chassis	Colour	Black
	Dimension	115*110*44mm(L*W*H)
	Construction	Fanless
	material	High quality Aluminum Alloy
Motherboard	BIOS	AMI EFI BIOS
	Processor	Onboard Intel® 4205U/I3-8145U/I5-8265U/I7-8565U/I7-10510U CPU
	Graphics	Onboard Intel UHD Graphics (depends on processor)
	Memory	2 *DDR4L SODIMM 204 Socket,Max support 64GB
	WIFI	Support WIFI+BT (Optional)
Storage	SSD	1*2280 M2. SSD
	HDD	1*SATA3.0
Front I / O	USB	2*USB 3.0,2*USB2.0
	Button	1 * Power switch
	Audio	1*Audio
Back I/O	Interface	1 * DC power supply interface
	USB	2*USB 3.0,1*Type-C
	Display	1 * HDMI Support 4K@ 60Hz 1*DP Support 4K@ 60Hz
	Lan	1* Gigabit Ethernet
OS	Support Win10,Win11,Linux	
Power	Power supply	DC12V-19V
Reliability	Operating Temp.	0°C ~45°C
	Storage Temp.	-20°C ~70°C
	Relative humidity	5%-95%, no condensing
	Vibration	0.5g rms/5-500HZ/random/operating

How to install the monitor

1. Remove the accessory bracket and install it on the back of the monitor.
2. Align the top four screw holes.
3. Take out the attachment bracket fixing screws (4), and use a Phillips screwdriver to tighten the installation.
4. Take out the computer fixing screws (2 pcs) in the accessories and install as shown in the photo.
5. Mount the computer on the stand.
6. Install Wifi Antennas (2 pcs);

【Finally】Plug the power adapter on the computer and plug it into the power outlet; plug one side of the HDMI cable or DP cable into the computer, and the other side into the monitor; turn on the power button to use.

How to add RAM, replace SSD

1. Use a Phillips screwdriver to remove the screws (4 places) on the back of the computer.

2. Install a screw that holds the computer in place, use the screw as a knob and pull up to remove the bottom cover.



3. Internal diagram of the computer

On the back of the bottom, there is a 2.5-inch hard drive bay with a thickness of 7mm.

4. The installation location of the memory and SSD is as shown in the photo.

5. Add or replace memory

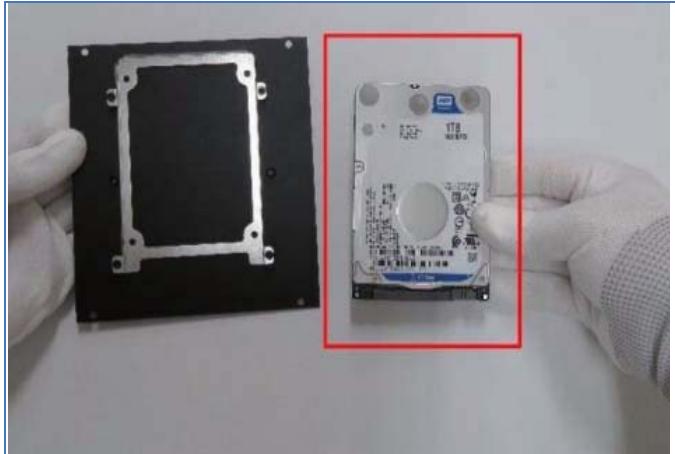
6. If you want to replace the SSD, first remove the screws.

【Notice】

The memory standard of this computer is SO-DIMM DDR4, which supports a maximum of 64GB, and the SSD standard of this computer is M.2 2280 SSD.

You can add a 7MM 2.5" hard drive to this computer

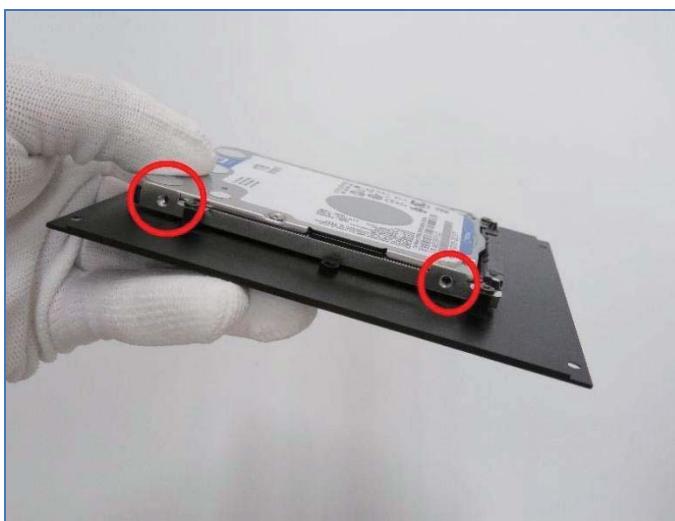
How to Install a 2.5" Hard Drive



7. Hard drive size is 7mm 2.5 inches



8. Align the hard drive with the bracket.



9. Tighten the screws on both sides. (four in total)



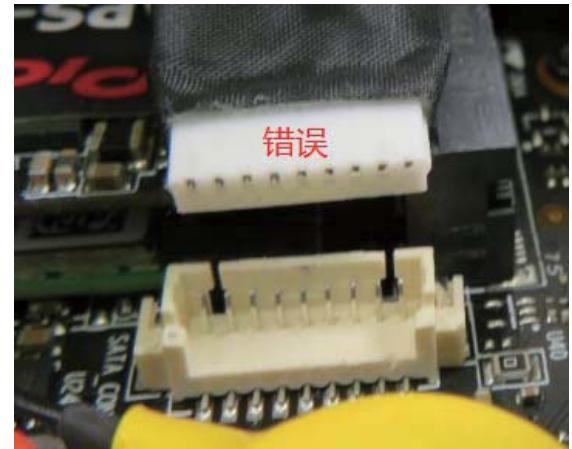
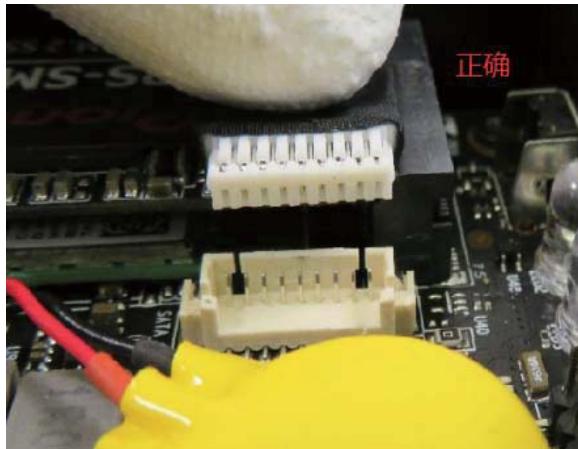
10. photo after installation



11. Connect the hard drive and motherboard with an accessory cable.

12. One end of the hard drive cable is connected to the SATA interface of the 2.5-inch hard drive

How to Install a 2.5" HardDrive



13. Insert the hard disk cable into the 9PIN interface of the motherboard. As shown in the photo, please pay attention to the up and down orientation of the connector.

14. The image above is the wrong insertion method. Connector upside down.

15. Please insert in full.

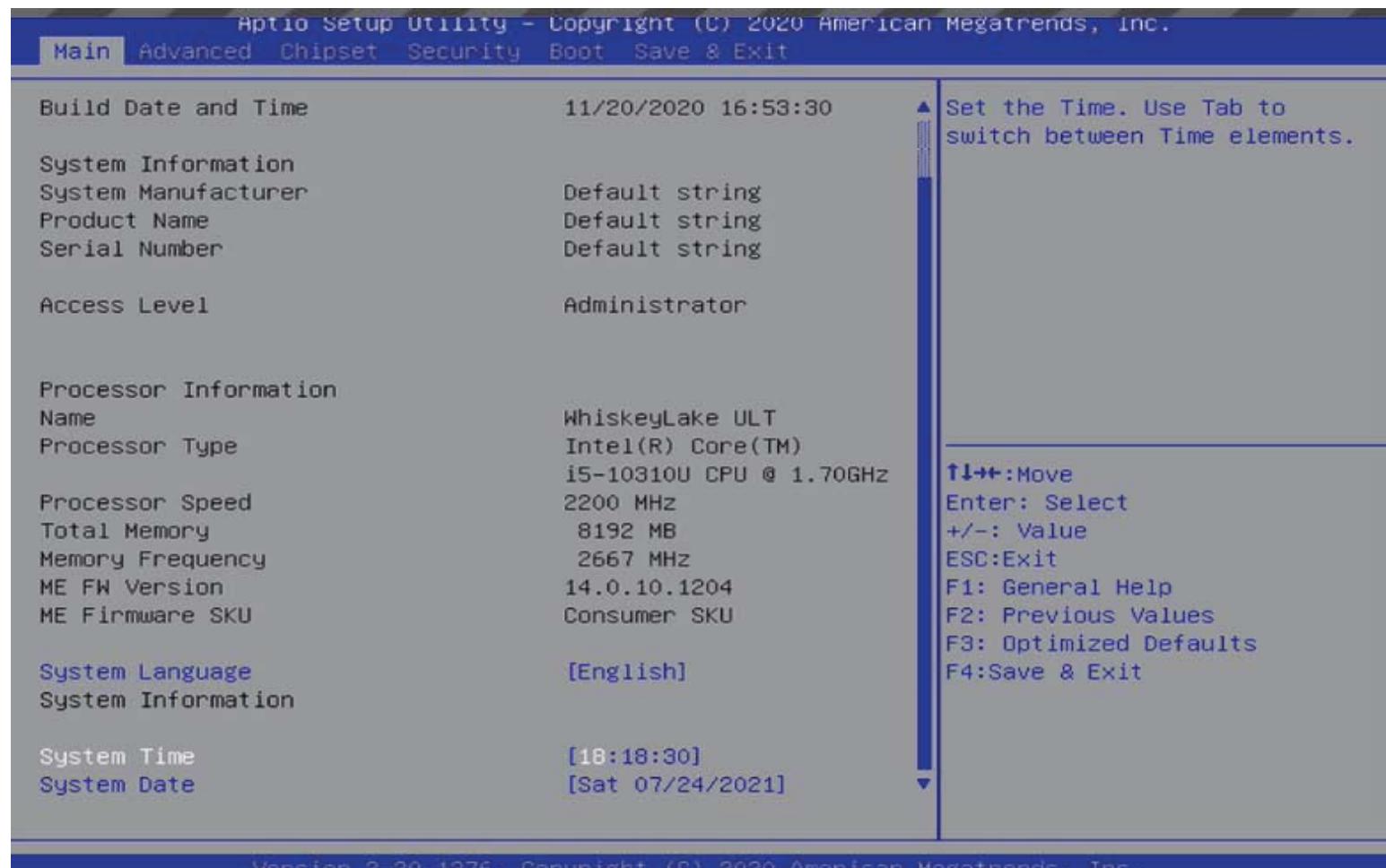
16 Hard drive installed.

BIOS Setup

Press **<F2>** to enter AMI BIOS CMOS Setup Utility, the Main Menu will appear on the screen. Use arrow keys to select among the items and press **<Enter>** to accept or enter the sub-menu.

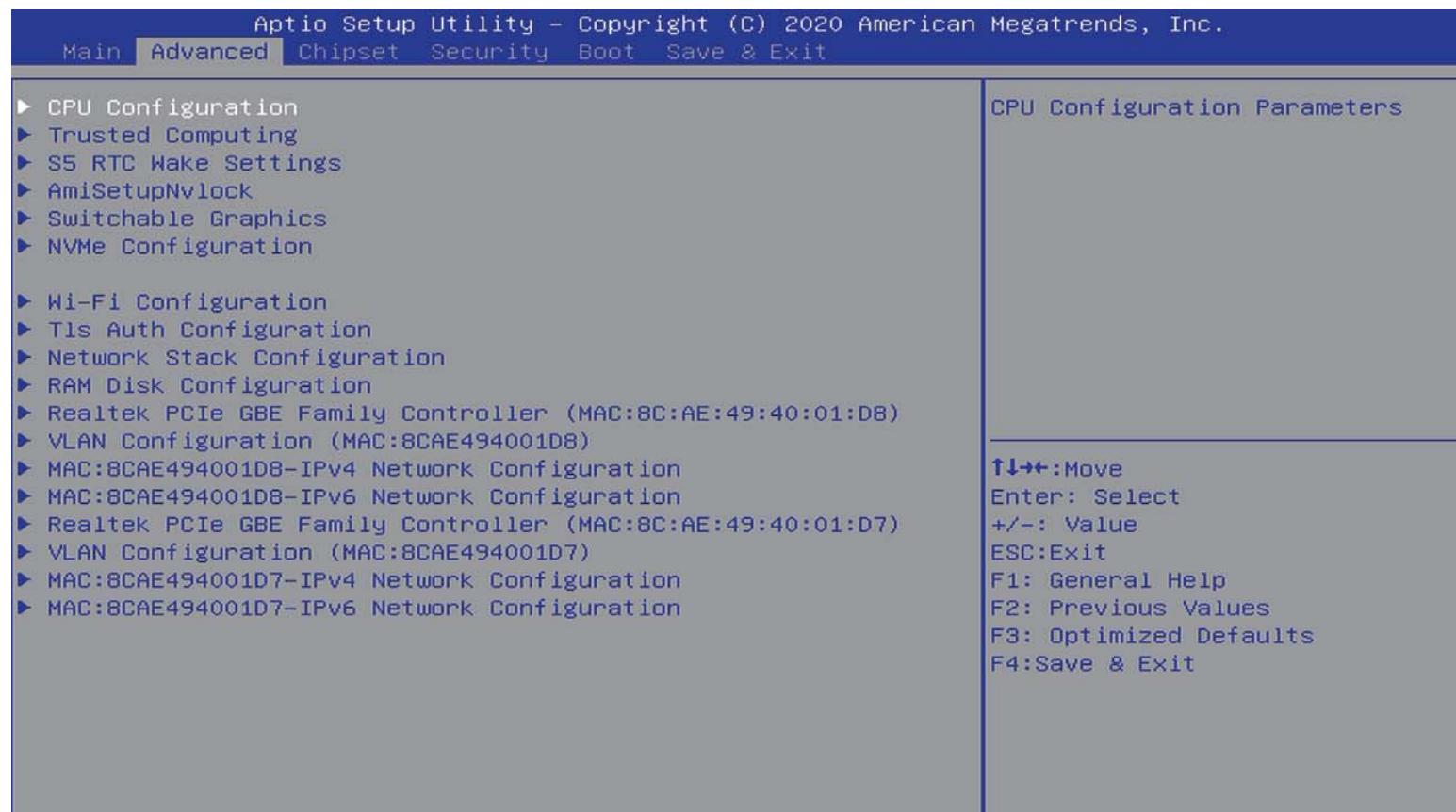
1.Main

The Main BIOS setup screen has two main frames. The left frame displays all the options that can be configured. Grayed-out options cannot be configured; options in blue can. The right frame displays the key legend. Above the key legend is an area reserved for a text message. When an option is selected in the left frame, it is highlighted in white. Often a text message will accompany it.



2.Advanced

All Advanced BIOS Setup options are described in this section. The Advanced BIOS Setup menu screen is shown below. The submenus are described in the following pages.such as CPU Configuration, to access the submenu for that item.



3.Chipset

Select the chipset tab from the BIOS setup screen to enter the Chipset Setup screen.Users can select any item in the left frame of the screen, such as Graphics Configuration, to go to the sub menu for that item. Users can display a Chipset Setup

Aptio Setup Utility - Copyright (C) 2020 American Megatrends, Inc.

Main Advanced Chipset Security Boot Save & Exit

► System Agent (SA) Configuration

System Agent (SA) Parameters

↑↓←→:Move
Enter: Select
+/-: Value
ESC:Exit
F1: General Help
F2: Previous Values
F3: Optimized Defaults
F4:Save & Exit

4. Security

Administrator Password

Select this option and press <ENTER> to access the sub menu, and then type in the password. Set the Administrator password.

User Password

Select this option and press <ENTER> to access the sub menu, and then type in the password. Set the User Password.

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Main Advanced Chipset Security Boot Save & Exit

Set Administrator Password

If ONLY the Administrator's password is set, then this only limits access to Setup and is only asked for when entering Setup.

If ONLY the User's password is set, then this is a power on password and must be entered to boot or enter Setup. In Setup the User will have Administrator rights.

The password length must be in the following range:

Minimum length	3
Maximum length	20

Administrator Password

User Password

► Secure Boot

↑↓←→ :Move
Enter: Select
+/-: Value
ESC:Exit
F1: General Help
F2: Previous Values
F3: Optimized Defaults
F4:Save & Exit

5. Boot

Wake On Lan 【Enabled】

Auto Power On 【Disabled】

Launch CSM 【Disabled】

Network 【Disabled】
Quiet Boot 【 Disabled】

Aptio Setup Utility - Copyright (C) 2020 American Megatrends, Inc.		
Main	Advanced	Chipset
Security	Boot	Save & Exit
Boot Configuration		Enables or disables Wake On Lan option
Wake On Lan	[Enabled]	
Auto Power on	[Disabled]	
Launch CSM	[Disabled]	
Network	[Do not launch]	
Quiet Boot	[Enabled]	
Fast Boot	[Disabled]	
Set Boot Priority		
Boot Option #1	[Hard Disk]	
Boot Option #2	[NVME]	
Boot Option #3	[USB Hard Disk]	
Boot Option #4	[USB CD/DVD]	
Boot Option #5	[USB Key]	
Boot Option #6	[USB Floppy]	
Boot Option #7	[USB Lan]	
Boot Option #8	[Network:UEFI: PXE IPv4 Realtek PCIe GBE Family Controller]	
Boot Option #9	[SD]	
Boot Option #10	[CD/DVD]	
▶ UEFI NETWORK Drive BBS Priorities		

6.Save&Exit

Aptio Setup Utility - Copyright (C) 2020 American Megatrends, Inc.		
Main	Advanced	Chipset
Security	Boot	Save & Exit
Save Options		Exit system setup after saving the changes.
Save Changes and Exit		
Discard Changes and Exit		
Save Changes and Reset		
Discard Changes and Reset		
Save Changes		
Discard Changes		
Default Options		
Restore Defaults		
Save as User Defaults		
Restore User Defaults		
Boot Override		
UEFI: PXE IPv4 Realtek PCIe GBE Family Controller		
UEFI: PXE IPv4 Realtek PCIe GBE Family Controller		
Launch EFI Shell from filesystem device		

:

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.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm distance between the radiator and your body: Use only the supplied antenna.