MS-Terminator B760ITX D4 WIFI V3

Manual

VER:A0

Edited on 7/03, 2025
Editing Department: Technology Department

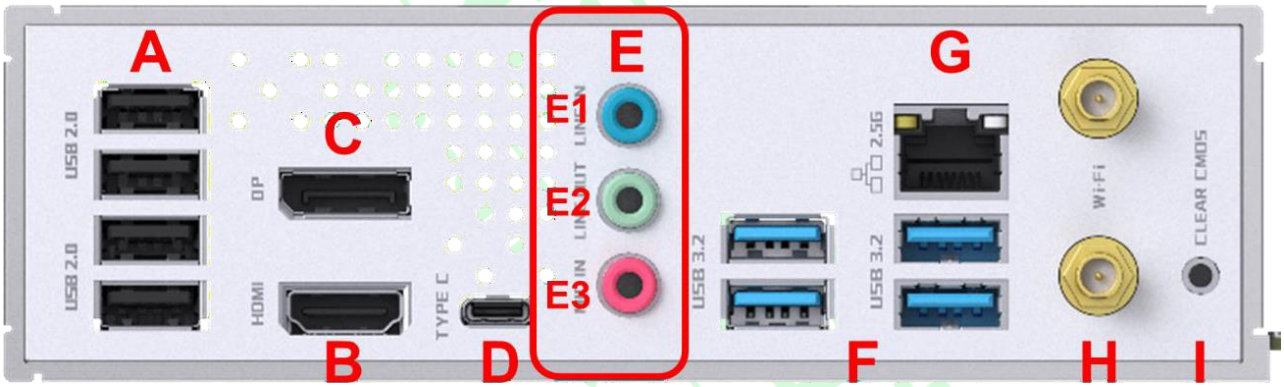
Part 1 Layout

（This drawing is for reference only, some details will be adjusted according to the actual situation, please refer to the actual design, our company reserves the right to explain）

Part 2 Specification

Motherboard size	MicroATX(170*170mm)
CPU	Supports LGA1700 slots Intel® 12th, 13th, and 14th processors TDP: PL1 200W; PL2 253W
Chipset	Intel®B760 High-speed chipsets
Memory	2 DIMM DDR5 memory slots (for single or dual memory slots, use the second and fourth slots first) Supports dual-channel memory technology Support for 2400/2666/2933/3200/XMP/OC frequency of memory
Display	Based on the display function of integrated graphics card processor, it adopts the shared display memory technology 1 DP1.4 interface, support up to 4096x2160@60Hz 1 HDMI1.4 interface, the highest resolution support 4096x2160@30Hz
Extension interface	One PCIEX16 5.0 slot Supports AMD, Nvidia, Intel independent graphics cards PCIE resizable bar technology (CPU and graphics card support)
Audio	Integrated REALTEK ALC897 sound card chip Support simultaneous output of front and back channels (need to be set in HD audio controller) Rear audio interface: 1 rear on-board LINE IN interface, 1 rear on-board LINE OUT interface, and a rear on-board MIC_IN microphone interface. F_AUDIO pins: 1 set of front microphone pins, 1 set of front audio output pins (these 2 pins are F_Aduio pins) 1 set of SPDIF anterior insertion needles
Network	Integrated REALTEK 8125D NIC chip (10/100/1000/2500Mbit) 1 onboard RJ45 interface Support network wake-up Support PXE diskless, UEFI diskless boot 1 onboard Intel®AX211 WIFI6E wireless network card with Bluetooth 5.3 support
Storage	2 M,2 slots (only supports PCIE X4/X2 channel SSD) 4 SATA3.0 interfaces
USB	Onboard rear interface: 4 USB3.2GEN1 interface, 4 USB2.0 interface, 1 USB3.2Gen2x2 Type-C(20G) interface Board inserts: 1 set (2) USB2.0 inserts, 1 set (2) USB3.2 GEN1 inserts, 1 USB3.2 Gen1 Type-C(5G) front interface
In-board	1 COM_A pin

socket	3 sets of system fan pins, 1 set of CPU fan pins 1 set of front control panel pin (F_PANEL) 1 set of front audio pins
Power input	One 24PIN ATX power supply port for motherboard, 12V, 5V, 3.3V input 1 set of 8+4PIN mainboard ATX 12V power supply port with 12V input
Hardware monitoring	Voltage monitoring Temperature monitoring Fan monitoring Intelligent fan speed control (motherboard has been supported, intelligent fan speed control also needs fan support)
Operating system	Supports Windows10 64bit and Windows11 64bit Support Ubuntu 64bit



A: Layer 4 USB2.0 interface
It supports A theoretical speed of 480Mb transmission and is compatible with USB1.1 standard for connecting USB TYPE A devices.

B: HDMI port
HDMI1.4 interface, up to 4096x2160@30Hz resolution, used to connect the HDMI display interface.

C: DP interface
DP1.4 interface, up to 4096x2160@60Hz resolution, used to connect the DP display interface.

D: USB3.2 GEN2x2 Type-C interface
Up to 20Gb speed transmission is supported. It is compatible with USB2.0 standard and can be used to connect USB TYPE C devices.

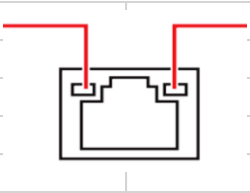
F: Double-layer USB3.2 GEN1 interface
It supports up to 5Gb speed transmission and is compatible with USB2.0 standard for connecting USB TYPE

A devices.

G: RJ45 interface

Network cable interface, used to access the network cable to connect the host system to the network, the maximum bandwidth of 2500Mbps

Activity Link LED	
Status	Description
Off	No link
Yellow	Linked
Blinking	Data activity



Speed LED	
Status	Description
Off	10Mbps connection
Green	100Mbps connection
Orange	1000Mbps/2.5Gbps connection

H: WI-FI antenna interface (outer screw, inner pin)

WI-FI wireless network card antenna male head interface, onboard AX211 Wi-Fi 6E wireless network card, WIFI antenna can be installed here.

I: Clear_Cmos button

It is used to restore the initial default state of Bios. After power off, tap 1-3S.

E1: Audio-in interface (blue)

Used to receive audio input devices, such as mobile phone audio input.

E2: Audio-out interface (light green)

Used to access audio output devices, such as headphones, speakers and other external devices.

E3: Audio-Microphone interface (pink)

It is used to access audio input devices such as radio devices such as microphones.