MS-Terminator B760M D 4 WIFI

Manual

VER:A0

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Editorial Department: Technology Department

Chapter I Motherboard configuration diagram



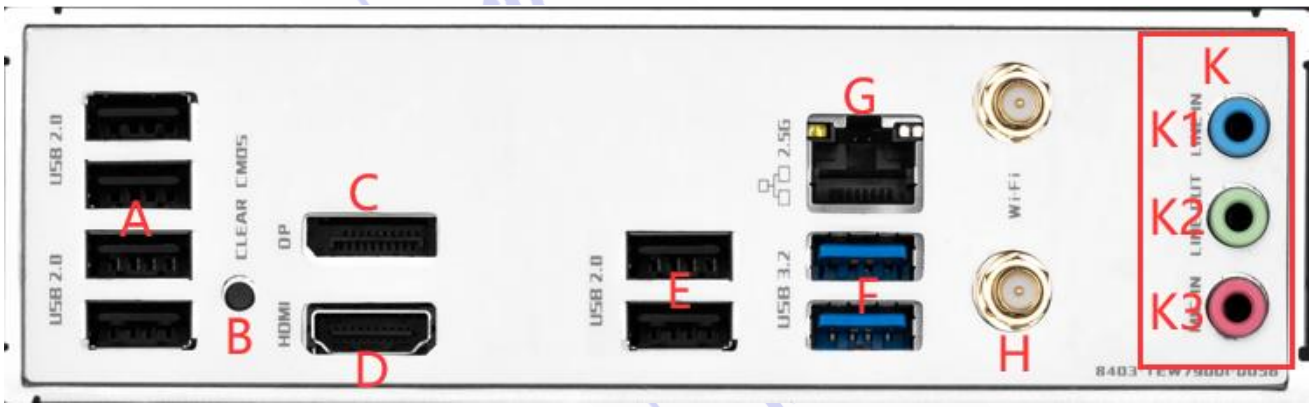
(This drawing is for reference only, and some details will be designed and adjusted according to the actual situation. Please take the physical object, and our company reserves the right of interpretation)

Chapter II Specifications

2.1. Motherboard hardware specifications

Motherboard size	Micro ATX(245*245mm)
CPU	Support for LGA 1700 slots 12th and 13th generation processors TDP：253W
Chipset	Intel ® B7600 High-speed chipset
Memory	4x DIMM DDR 4 memory slots (second and fourth slots) Maximum support in total is 128GB Support for dual-channel memory technology Supports 3200 / 2933 / 2666 / 2400 / 2133 MHz / OC +, memory frequency
Display	Based on the display function of the integrated graphics card processor, the shared display memory technology is adopted 1x HDMI 1.4 port with up to 4096x2160@30Hz resolution (HDCP 2.2 support) 1x DP port, up to 4096x2160@60Hz resolution
Extended port	1x PCIE X16 5.0 slot 1x PCIE X4 3.0 slot AMD and NVIDIA independent graphics cards are supported
Audio	Integrated REALTEK ALC 897 sound card chip Supports simultaneous output of front and rear channels (required settings in HD audio controller) The rear is equipped with three audio ports: 1x rear backboard LINE IN port, 1x rear backboard LINE OUT port, and 1x rear backboard MIC_IN microphone port F_A UDIO pin: 1x set of front microphone pins, 1x set of front audio output pins 1x 4pin horn Buzzer pins
Network	Integrated REALTEK 8125BG Network Card Chip (10 / 100 / 1000 / 2500Mbit) 1x onboard RJ45 port Support network arousal Support PXE no disk, UEFI no disk guide
Storage	3x M.2 slots (2242 / 2280 P CIE X4 / X2 channel SSD supported only) 4x SATA 3.0 ports
USB	On-board rear port: 2x USB 3.2 GEN 2 ports, 6x USB2.0 ports Plate insert: 1x (2 double row) USB2.0 pins, 1x (2) USB 3.2 GEN 1 pin, 1x Typc-C (20Gbps) port
Inside board socket	1x 24-PIN motherboard ATX power supply port 1x 8+4-PIN motherboard ATX 12V power supply port, 12V input, 3x groups of system fan pins and 1 group of CPU fan pins 1x group chassis front control panel pin (F_PANEL)
Hardware monitoring	Voltage monitoring temperature monitoring

	Fan monitoring Intelligent fan speed control (the main board has been supported, the intelligent fan speed control also needs fan support)
Operating system	Support for Windows 10 64bit, Windows 11 64bit Support for Ubuntu 64bit
ESD protect	Air discharge ± 8 KV Class C ± 6 KV of grade B Contact discharge is ± 6 KV Class C ± 3 KV Grade B * Test of the whole machine under good grounding
Other	1x debug digital display tube 2x 3-PIN support for 5V ARGB lamp pins 1x 4-PIN 12V NRGB lamp pin 1x 2PIN CLR _ CMOS pin and rear CLR_CMOS button 1x TPM pin 1x COM Pin



A: Four-layer USB2.0 TYPE A port

Up to support USB2.0 standard, downward compatible with USB1.1 standard. For connecting to the USB TYPE A devices.

B: CLR_CMOS push button

Clear the motherboard B IOS function setting and restore the motherboard BIOS default initialization settings.

C:DP port

Up to 4096x2160@60Hz resolution, can support both audio and video output.

D: HDMI port

Up to 4096x2160@30Hz resolution, can support both audio and video output.

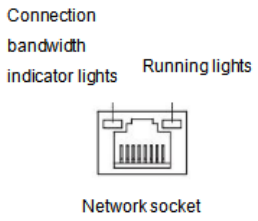
E: Double-layer USB2.0 TYPE A port

Up to support USB2.0 standard, downward compatible with USB1.1 standard. For connecting to the USB TYPE A devices.

F: Double-layer USB3.2 GEN 2 port

Up to support theoretical 10 Gb speed transmission, can be downward compatible with USB1.1, USB2.0 standards, for connecting USB TYPE A devices.

G: RJ45 network cable port for access network cable to connect the host system to the network with a maximum bandwidth of 2500M bps.



Connect the bandwidth indicator light	
tape width	The lamp state
Connection-less	go out
10M bps	Green is always bright
100M bps	Green is always bright
1000M bps	Orange is always bright
2500M bps	Orange is always bright

Run the indicator light	
No data transmission	go out
In data transmission	twinkle

H: WIFI antenna port

The WIFI port integrates an Intel wireless network card and Bluetooth device internally, and requires the corresponding driver to be used properly.

K1: Audio-in port (blue)

For receiving audio input devices, such as mobile phone audio input.

K2: Audio-out port (light green)

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

K3: Audio-Microphone port (pink)

For accessing audio input devices, such as microphone and other radio devices.