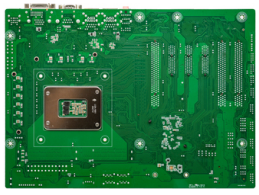
Technica

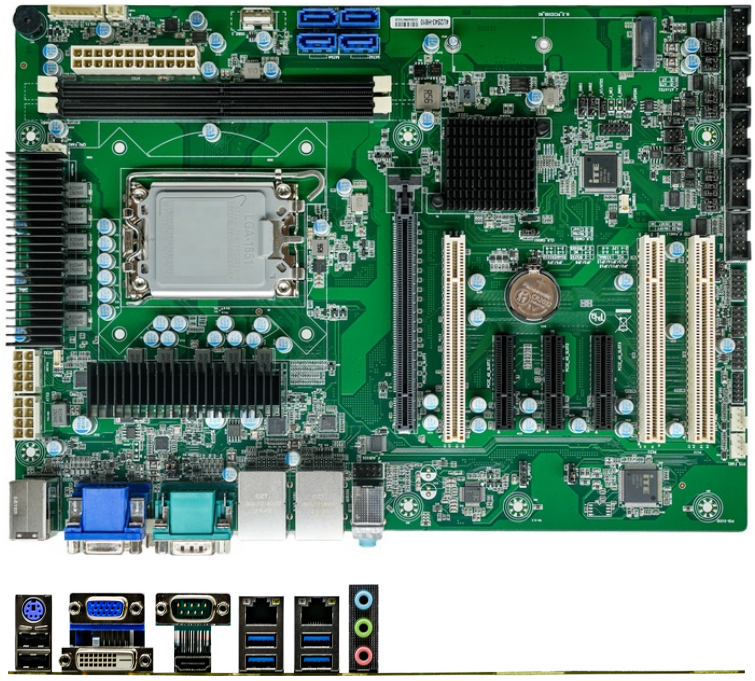
ATX motherboard

MFA-H810

Features

- Intel Core Ultra 200 series LGA1851
- Intel H810 Chipset
- 2 x DDR5-6400MHz Non-ECC U-DIMM, up to 256GB
- Support displays for VGA, HDMI, DVI
- Support 1 x PCIe 4.0 x16, 3 x PCIe 3.0 x2, 3 x PCI
- 3 x SATA 3.0 + 1 x M.2 Key-M 2280
- 2 x Intel GbE
- 4 x USB3.0, 6 x USB2.0, 6 x COM





Core System

CPU	Intel Core Ultra 200 series LGA1851 Socket Processor Support Max CPU TDP 125W
System Memory	2 x DDR5-6400MHz Non-ECC U-DIMM, up to 256GB
Chipset	Intel H810
BIOS	AMI
Storage	3 x SATA 3.0 1 x M.2 Key-M 2280 (default is SATA, BOM option support NVMe)
Watchdog Timer	1 - 255 steps by software program
Expansion Slot	1 x PCIe 4.0 x16 3 x PCIe 3.0 3 x PCI
Power Input	ATX Standard
Smart Fan Control	CPU Fan / System Fan
Dimensions	305 x 220 mm
Operating Temperature	0°C to +60°C
Storage Temperature	-20°C to +75°C
Humidity	10% to 95% relative humidity, non-condensing

Rear I/O

USB	4 x USB 3.0 2 x USB 2.0
Display I/O	1 x DVI-D 1 x HDMI 1 x VGA
Audio I/O	Line-Out + MIC + Line-In
LAN I/O	1 x Intel I219 GbE, 1 x Intel 226V GbE
Serial Port	1 x RS-232
PS/2 Port	1 x PS/2
Others	-

Internal Connectors

USB	4 x USB 2.0
Display I/O	-
Audio I/O	1 x SPDIF, 1 x Line-out + MIC
Serial Port	3 x RS-232, 2 x RS-232/485
Parallel Port	-
GPIO	1 x GPIO Header (Programmable support 8-bit GPIO)
FAN	1 x 4-pin CPU Fan Header / 2 x 4-pin System Fan Header
Power	1 x ATX Standard
Others	1 x SMBUS Wafer, 1 x Front Panel Header, 2 x System FAN Wafer, 1 x CPU Fan Wafer, 1 x Case Open Header, 1 x Buzzer, 1 x Power Monitor Wafer

Graphics

Chipset	Intel UHD Graphics
VGA	Up to 1920 x 1200 @ 60Hz
DVI	Up to 1920 x 1200 @ 60Hz
HDMI	Up to 4096 x 2160 @ 30Hz
Display Port	-
LVDS	-
eDP (Header)	-

Others

OS Support	Windows 10, Windows 11, Linux
Certifications	CE / FCC Class B