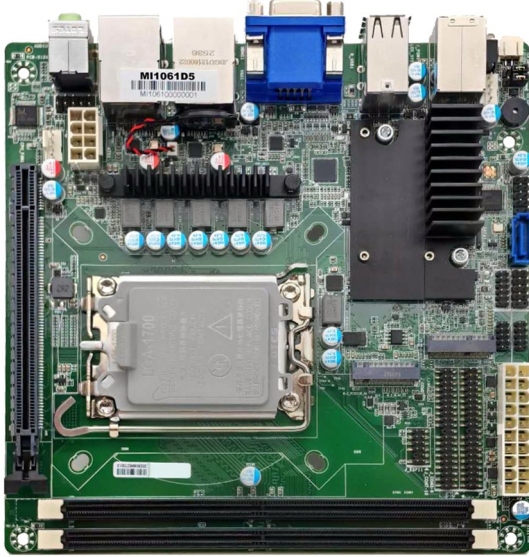


MI1061D5

INDUSTRIAL SBC (3.5 Inch)

Intel® 14th Gen Core™ i3/i5/i7/i9, Mini-iTx,
with H610 Chipset and DDR5 support



Features

- Support Intel® 14/13/12th Gen. Core™ i3/i5/i7/i9 CPU
- Chipsets base Intel® H610 for 12~14th Gen.
- 2x Gigabits Ethernet Lan
- 12x USBs (4 x 3.2, 8 x 2.0), 10x Serials/COMs
- 1x Full size PCIe ^x16, 2x M.2 (M2280, E2230)
- 1x HDMI, 1x VGA, 1xPS2, AudioAC⁹⁷



Motherboard name	MI1061D5
Type	Industrial Mini-ITX Motherboard
CPU	Support Intel® 12/13/14th Gen Core™ i3/i5/i7/i9, Pentium®, Celeron® CPU
Socket	LGA1700
Memory	DDR5-4800, 5600 UDIMM up to 64GB
GPU (Graphics Processing Unit)	Intel UHD Graphics processor embedded
Video output	3 Channels (VGA / HDMI / LVDS)
LVDS (LCD Panel)	Dual-channel 1920×1200@60Hz (MI839F)
HDMI	4096×2160@60Hz
VGA	1920x1080 @ 60Hz
Network	2× 1GbE (Realtek RTL8188)
USB	12-ports total (+2 M.2 PCIe)
USB 3.2 (SS 10Gbps)	4× USB 3.2 Type-A
USB 2.0 (HS 480Mbps)	8× USB 2.0 ports
SATA III	6Gbps SATA port + SATA via M.2
M.2 E-Key (2230)	PCIe x1 / USB2.0 (Wi-Fi/BT)
M.2 M-Key (2280)	PCIe x1 / SATA (SSD)
Expansion	PCIe x16 slot (8Gbps)
Audio	Realtek® Audio HDA codec, with Line-out+MIC, Realtek ALC888S

Super I/O	Fintek F81966D-I
Serial Ports	10× COM ports total
DIO (Digital Input/Output)	4-in / 4-out
TPM 2.0 (Trusted Platform Module)	Nuvoton NPCT764AABYX
dTPM (Discrete TPM)	Onboard hardware TPM
Watchdog (Safety Timer)	256 levels (0~255 sec/min)
Power Input	ATX-20
iSMART 4.0	Supported
EuP/ErP	Compliant
RoHS2	Compliant
Operating Temp	-40°C to +70°C (fanless)
Humidity	95% non-condensing @ 60°C
OS	Windows 10 / 11 IoT LTSC / Linux 64-bits
IoT	Small format Industrial embedded systems
Applications	Automation, IoT, Edge computing, Kiosks, Transport, Industrial display

Ordering Information

MB-MI1061D5	Intel® H610, LGA1700, uDIMM DDR5, mITX Motherboard w/HDMI, VGA, 2xGbE, 1xSATA, iTPM (2.0), Triple Display Channels and M.2 4G/5G/WiFi/PCIe x16 expansion.
MB-MI1061	Mini-iTx, Intel® H610 for LGA1700, UDIMM DDR4 Motherboard w/HDMI, VGA, 2xGbE, 1xSATA, iTPM (2.0), Triple Display Channels and M.2 4G/5G/WiFi/PCIe x16 expansion.