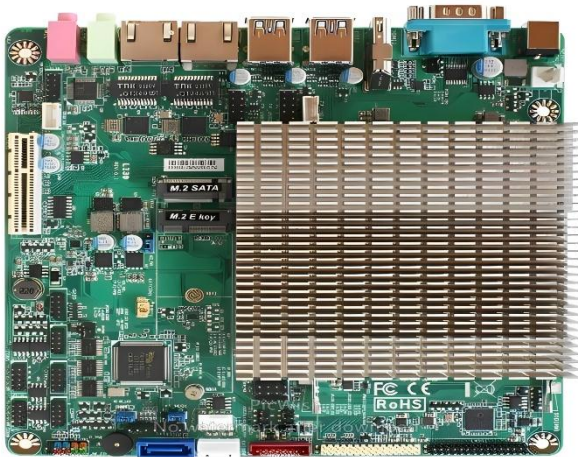


MTX-05003

Mini-ITX Motherboard with Intel® Celeron® J6412 Processor TDP 10W



FEATURES

- Powered by Intel® Celeron® Processor J6412 (Elkhart Lake, TDP 10W))
- Supports multiple display options, including 1 x HDMI 2.0b, 1 x LVDS, and 1 x eDP.
- Dual 2.5GbE ports deliver high-speed and reliable networking
- 4 x USB 3.2 Gen1, 5 x USB 2.0, 2 x RS485, and 4 x RS232
- 1 x SATA III, 1 x M.2 M-key, 1 x M.2 E-key, and 1 x PCIe Gen 3x4
- Enhanced security with optional onboard TPM 2.0 support

MTX-05003	
Form Factor	MTX (170 * 170mm)
CPU	Onboard Intel® Celeron® Processor J6412 (Formerly Elkhart Lake, TDP 10W)
CHIPSET	Intel® SoC
BIOS	UEFI
RAM	1 x DDR4 3200MHz, Single Channel SO-DIMM, up to 32GB
Display Graphics	Intel® UHD Graphics
LVDS	1 x 24-bit Dual Channel LVDS (Max. Resolution: 1920 x 1080 @60Hz)
HDMI	1 x HDMI 2.0b (Max Resolution: 4096 x 2160@60Hz)
eDP	1 x eDP (Max Resolution: 2560 x 1600@60Hz)
LVDS	1* LVDS/EDP (Max Resolution: 1920*1080@60Hz, Option)
MULTIPLE DISPLAY	Support 3 Displays
ETHERNET	2 x RJ45 for Intel® I226-V 2.5GbE
AUDIO	Line-in, Line-out, MIC
PCIe	1 x PCIe 3.0 x4
M.2	1 x M-Key 2242/2280 (SATA) 1 x E-Key 2230 (USB 2.0/PCIe 3.0 x1)
STORAGE	1 x SATA III 1 x SATA Power Connector
USB	4 x USB 3.2 Gen 1x1 (5Gbps, Formerly USB 3.1 Gen 1) Internal Header for 5 x USB 2.0
SERIAL	1 x DB-9 for RS-232 Internal Header for 3 x RS-232 Internal Header for 2 x RS-485
SMBUS	Yes
CHASSIS INTRUSION	1
GPIO	8 bit
SMBUS/ I2C	1
AUDIO HEADER	1
AT/ATX	1
INPUT POWER	DC IN 12v
OPERATING TEMP	0°C – 60°C
STORAGE TEMP	-20°C – 70°C
SHOCK	15G, 11ms duration
VIBRATION	1 Grms/ 5~ 500Hz/ Operation
RELATIVE HUMIDITY	10 ~ 90% relative humidity, non-condensing
CERTIFICATIONS	CE, FCC, Class A
WARRANTY	2 Years