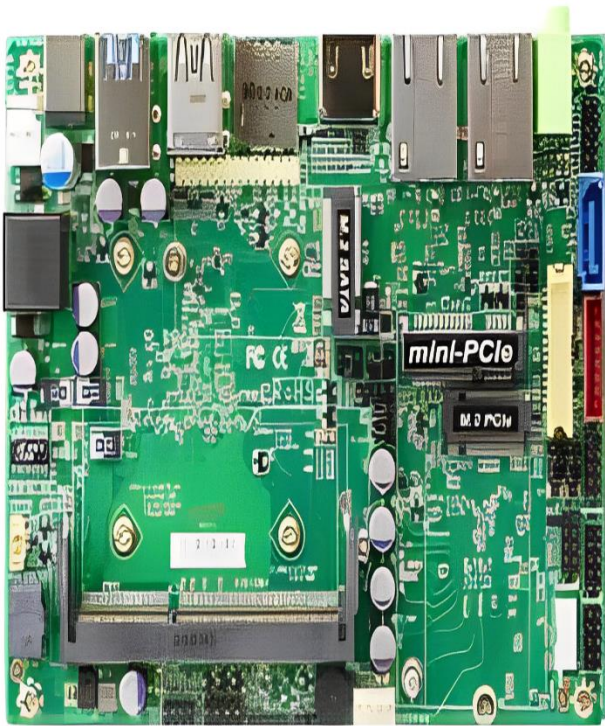




FEATURES

- Long-Life Embedded Class Industrial Motherboard.
- CPU Mounted on Bottom of Motherboard for Easy Integration into Fanless Systems.
- Intel Atom x5-E3940 Quad core.
- Supports DDR3L-1866 up to 8GB Total.
- HDMI, LVDS, eDP 4K @60Hz.
- 2 * Intel i225-V 2.5GbE LAN.
- 1 * M.2 3042 B-key with SIM Card Slot.
- 3 * USB 3.1 Gen1, 3 * USB 2.0 Ports.
- 2 * Serial Ports, 8-bit GPIO, Watchdog Timer.
- 9-36V DC-In Jack or 2-pin Alternate internal Connect.
- 3.5” SBC Form Factor (148mm x 102mm).

SBC-05001	
PROCESSOR	Intel Atom x5-E3940 Quad-core
CHIPSET	SOC
GRAPHICS	Intel HD Graphics
MEMORY	1 * 204-pin SO-DIMM slot supporting DDR3L-1866 up to 8GB total, 1.35V required
MINI-PCIe	1 * Full-size Mini-PCI Express slot
M.2	1 * M.2 3042 B-key with Micro SIM card slot (3G/4G/LTE)
STORAGE	1 * SATA3 6Gb/s port, 1 * M.2 SATA M-key 2242 length
AUDIO	Realtek HD Audio, 1 * Line-out jack
ETHERNET	2 * RJ-45 LAN (Intel i225-V 2.5GbE) ports
BIOS	AMI 128Mb Flash ROM
OTHER FEATURES	Support ACPI S3, AHCI, CPU Smart FAN, Watchdog Timer 10-255 min/sec, Optional TPM
USB	3 * USB 3.1 Gen1 ports, 1 * USB 2.0 port 1 * USB Header for 2 * USB 2.0 ports
HDMI	1 4k @30Hz
SIM	Micro SIM slot
SERIAL	2 * Serial headers (1 * RS232, 1 * RS232/422/485)
SMBUS/ I2C	1
eDP, LVDS	eDP 4K @60Hz, LVDS 1080P (via Header)
GPIO	8-bit GPIO header
POWER	+9-36V DC-in jack (2.5mm ID/5.5mm OD) 2-pin 9-36V Alternative power connector (via Header)
OPERATING TEMPERATURE	0°C – 60°C
STORAGE TEMPERATURE	-40°C – 85°C
CERTIFICATIONS	CE, FCC, RoHS, ERP
WARRANTY	2 Years