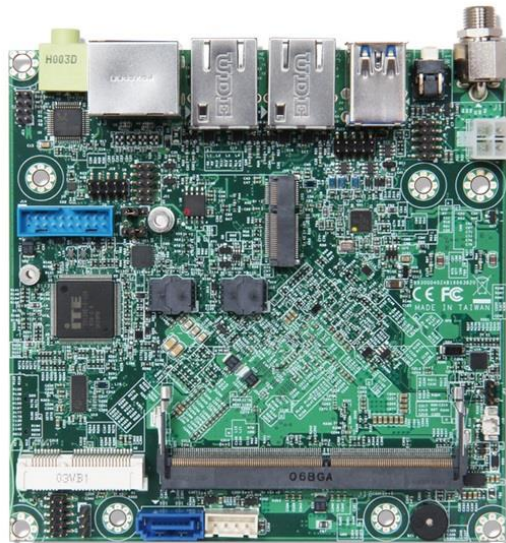


The4thware Industrial Board (MITX)

Intel Atom X6000E Series Platform

T4WP-X6000E-NITX



PRODUCT SPECIFICATION

Specification	
Processor	Intel Atom® Dual/Quad-core x6000E family SoC (up to 12W)
BIOS	AMI UEFI BIOS
Memory	DDR4 3200 MT/s Non-ECC SO-DIMM up to 32GB
Storage Devices	- 1x SATA III port - 1x mSATA socket (Choose either mSATA or mini-PCIe by BIOS) - 1x Micro-SD socket
Watchdog Timer	Programmable by embedded controller
Hardware Monitoring	System monitor (Voltage, Fan Speed and Temperature)
Expansion Interface	- 1x M.2 Type E socket - 1x full size mini-PCIe socket (Choose either mSATA or mini-PCIe by BIOS)
Audio	- High Definition Audio integrated in Intel® SoC - Realtek ALC888 HDA codec - Audio jack on rear I/O with Line-out and on board pin header with Line-in, Line-out, and Mic-in
Ethernet	- Intel® I225 GbE controller and MaxLinear GPY215 GbE PHY - Dual RJ45 connectors on rear I/O with two LED indicators
Serial Port	1x RS-232/422/485 on board connector (selected by BIOS)
USB	- 2x USB 3.2 Gen 2 ports on rear I/O (10Gbps) - 2x USB 3.2 Gen 2 ports on board with header (10Gbps)
GPIO	8-bit configurable controlled by embedded controller
Other	TPM 2.0 on board
Graphic Controller	- Intel® Gen 11 Graphics - Supports Real-time performance with Intel® Time Coordinated Computing (TCC) and Time Sensitive Networking (TSN)
Display Interface	- 1x HDMI port on rear I/O, up to 4K resolution - 1x DP port on rear I/O, up to 4K resolution - 1x VGA on board connector
Dimension	120mm(L) x 120mm(W) ; 4.72"(L) x 4.72"(W)
Power Supply	DC 12V input
Environment	- Operation Temperature: -40°C~85°C - Storage Temperature: -40°C~85°C - Relative Humidity: 5%~95%, non-condensing