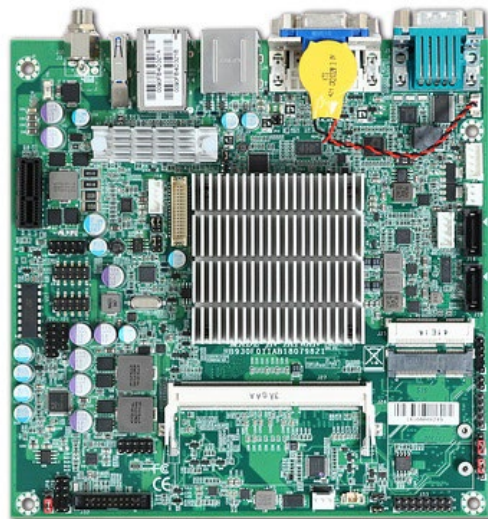


The4thware Industrial Board (MITX)

Intel Atom E 3800 Series Platform

T4WP-E3800-MITX1



PRODUCT SPECIFICATION

Specification	
CPU	Intel Atom® Processor E3815 (1 x 1.46 GHz, 512 KB L2, 5 W) Intel Atom® Processor E3825 (2 x 1.33 GHz, 1 MB L2, 6 W) Intel Atom® Processor E3826 (2 x 1.46 GHz, 1 MB L2, 7 W) Intel Atom® Processor E3827 (2 x 1.75 GHz, 1 MB L2, 8 W) Intel Atom® Processor E3845 (4 x 1.91 GHz, 2 MB L2, 10 W)
Format	Mini-ITX
Chipset	SoC (System-On-Chip)
DRAM	Up to 8 GB DDR3L SO-DIMM
Graphic Controller	Intel® HD Graphics 4600 (CPU)
Display Interface	DVI (1920x1200), DP (2560x1600), VGA (1920x1200), LVDS (1600x1200)
Storage	2x SATA II (3.0Gb/s), -
Network	2x GbE Intel® I210IT
Expansion	1x Half-Size mini PCIe(USB, PCIe)
Bus Interface	one PCIe x1 slot, TPM Module
Serial Interface	3x RS232, 1x RS232/422/485
USB	1x USB 3.0, 4x USB 2.0
Audio	Intel® HD Audio, Realtek ALC892
Security	TPM Module
Miscellaneous	2x PS/2 via pin header, GPIO 8bit, Watchdog Timer, HW monitoring temperature & voltage
Firmware	Phoenix® SPI
Power Requirement	ACPI 3.0 / APM 1.2
Power from W	12V - 24V DC-In
Operating Temperature	0°C - 60°C
Extended Temperature	-40°C to -85°C
Dimensions	170x170 mm