

The4thware Industrial Board (MITX)

Intel Atom E 3800 Series Platform

T4WP-E3800-MITX2



PRODUCT SPECIFICATION

Specification	
CPU	Intel Atom® Processor E3827 (2 x 1.75 GHz, 1 MB L2, 8 W) Intel Atom® Processor E3815 (1 x 1.46 GHz, 512 KB L2, 5 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 4GB DDR3L ECC 1066/1333 SDRAM on one 204pin SODIMM
Graphic Controller	Intel® HD Graphics 4600 supports DirectX11, OpenGL 4.0, OpenGL 3.2 , Video decode hardware acceleration supports for H.264, MPEG2, MV C, VC-1, WMV9 and VP8 formats
Display Interface	VGA resolution up to 2560x1536@24bpp, HDMI resolution up to 1920x1080@24bpp
Storage	1x SATA II, 1x CFEX, 1x Mini-PCle
Network	On board Intel I210AT
Expansion	PCle x4 slot (with PCle x2 Lanes)
Serial Interface	1x RS232/424/485 Selectable port on rear I/O
USB	2x USB2.0 ports on board, 1x USB3.0 ports on rear I/O
Audio	Realtek ALC892 supports 5.1 Channels, Audio Jack Line out on board
Miscellaneous	8bit configurable GPIO, controlled by embedded controller
Power from W	ATX (support non-5V satdby)
Operating Temperature	0°C - 60°C
Storage Temperature	-20~80°C
Dimensions	170x170 mm