



WeLink Solutions, Inc.

Pico-ITX SBC with Intel Atom® processors x7000RE Series and DDR5-4800 SO-DIMM

WPI-ASL00

- Intel Atom® processors x7000RE Series
- DDR5-4800 SO-DIMM 8GB/16GB (option)
- Support 2x USB3.0, 2x2.5Giga Lan, HDMI, and LVDS
- Support multi I/O: 4 Digital I/O, 1x I2C
- Support expansion M.2 E Key 2230(USB2.0/PCIex1)

Specifications

General

CPU

Intel Atom® processors x7000RE Series

Memory

DDR5-4800 SO-DIMM: 8G/16G (option)

Mass Storage

M.2 2280 Key M(SATA3.0/PCIex4)

Power Input

Standard Input :9-12V DC

Operation System

Windows 10 IoT/ Windows 11 IoT /Linux

Basic I/O Interface

USB

2x USB3.0 type A

Display

1x HDMI/1x 2-ch 24bit LVDS

Ethernet

2 x 2.5GbE Lan

Digital I/O

2 pin input, 2 pin output

I2C

1

PWM

2

Front Panel

2x4pin (PWR button/Reset button/Status LED)



Expansion

1x M.2 E Key 2230 (PCIex1/USB2.0)

Video

Integrated in CPU

Environmental

Storage Temperature

-40°C ~ 85°C

Operating Temperature

0°C ~ 60°C

Relative Humidity

5 %~ 95 % (non-condensing)

Mechanical

Form Factor

PICO-ITX SBC

Dimension

100mm(L) x 72mm (W)



Function Block Diagram

