



TERA 2I740AW

Compact Fanless Embedded Computer
with Intel® ATOM® Amston Lake
x7000 series CPU

Features:

- Intel® ATOM® Amston Lake x7000 series CPU
 - Onboard LPDDR5, Max up to 8GB / 16GB / 32GB
 - eMMC 5.1 32GB~256GB
 - Independent display: 1 x HDMI®
 - 1 x Intel 2.5 GbE LAN, 4 x USB 3.2, 4 x COM
 - 2 x M.2, 1 x Nano SIM
 - 1 x USB 3.2 Type C DP ALT*
- Full-featured: DP Alt Mode, USB 3.2, PD Input / Output & Touch Screen

Specifications :

Motherboard	2I740AW
CPU	Intel® ATOM® Amston Lake x7000 series CPU
Chipset	Intel® ATOM® Amston Lake SoC
Memory	Onboard LPDDR5, Max upto 8GB / 16GB / 32GB
Storage	eMMC 5.1 32GB~256GB, 1 x M.2 PCIe-SSD (NVMe), 1 x M.2 SATA-SSD
Expansion slots	1 x M.2 B Key Type 2242 / 3042 (PCIe x 2 / USB 2.0) 1 x M.2 B Key Type 2242 / 3042 (SATA / PCIe / USB 3.2 / 2.0) -OEM to Type 3052 1 x Nano SIM
I/O ports	Network 1 x Intel 2.5 GbE I226IT USB 4 x USB 3.2, 1 x USB 3.2 Type C DP ALT* Serial ports 4 x RS232 / 422 / 485 Display 1 x HDMI® ; 1 x USB 3.2 Type C DP ALT*
Optional Modules & Accessory	CN064: M.2 B + M key 2242 to M.2 E Key 2230, WiFi 6 + BT CN067: M.2 B key 2242 to M.2 B Key 2252, 4G / 5G (3.7V by BOM Control) Wall Mounting Kit
OS Support	Windows® 10 IOT ; Windows® 11 IOT Ubuntu 22.04 above, Fedora 36 above

Mechanical

Dimensions	145W x 102.4D x 56.5H mm
Weight	0.9kg
Mounting	Wall Mount *

Power

DC input	Wide Range +9~24V
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Environment

Operating Temp. (100 % CPU usage)	-40°C to +60°C
Storage Temp.	-40°C to +70°C
Relative Humidity	95% @ 40°C, non-condensing

Dimension

