



# TERA 2I380NX

Compact Fanless Embedded Computer with Intel® Bay Trail Processor

## Features:

- Intel® Bay Trail CPU: Atom™ E3845 / E3825, Celeron® J1900
- On Board DDR3L 2 / 4GB
- 2 x PoE, 1 x GbE, VGA, 1 x USB 3.0, 1 x USB 2.0
- 2 x Mini PCIe, 1 x SIM, 2 x COM, DI/O
- Wide Range 9~36V DC input

## Specifications :

Motherboard	2I380NX
CPU	Intel® Bay Trail E3845 / E3825 / J1900
Chipset	Intel® Bay Trail SoC
Memory	On Board DDR3L 2 / 4GB
Storage	mSATA, HDD / SSD* (without DI/O)
Expansion slots	1 x Full-size Mini PCIe (USB / mSATA) 1 x Full-size Mini PCIe (PCIe / USB / mSATA) ; 1 x SIM
I/O ports	Network 2 x PoE , 1 x Intel GbE USB 1 x USB 3.0, 1 x USB 2.0 Serial ports 2 x COM Display 1 x VGA GPIO 4DI/4DO (Option)
Optional Modules & Accessory	GPS, Bluetooth, PoE, WiFi, 4G LTE, Isolated COM, battery UPS, DI/DO, Video Input SATA Kit*, VESA Mount*, Wall Mount*
OS Support	Windows® 10 IOT (64bit), Windows® 8.1 (64bit), Windows® Embedded 8 Standard (64bit), Windows® 7 (32 / 64bit), Windows® Embedded Standard 7 Runtime, Ubuntu 14.10 above, Fedora 25 above, Debian 8 above, CentOS 7.3 above, Mint 18.1 above

### Mechanical

Dimensions	145W x 106.2D x 56.5H mm
Weight	0.9 kg
Mounting	VESA Mount* , Wall Mount*

### Power

DC input	+9~36V
AC input	External AC / DC adapter 100 / 240V 60W

### Environment

Operating Temp. (100 % CPU usage)	-20°C to +60°C with mSATA / SSD 0°C to +50°C with HDD
Storage Temp.	-20°C to +70°C
Relative Humidity	95% @ 40°C, non-condensing

### Certification

CE / FCC class A
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## Dimension

