

# SYS-E100-12T-H/-E/-L/-C



Motherboard: X12STN-H/-E/-L/-C (Tiger Lake i7/i5/i3/Celeron)

Dimensions: 4" x 5.7" SBC

Fanless Chassis: CSE-E101-02

Dimensions: W: 7.68"(mm) x H: 1.73"(mm) x D: 6.25"(mm)



Intel Tiger Lake-  
UP3  
Up to 4C/8T &  
15W

3 USB 3.1 Gen2  
4 USB 2.0  
4 COM  
DIO via DB9

2 HDMI  
2x 2.5Gb Ethernet

1 M.2 M-Key  
1 M.2 E-Key  
1 M.2 B-Key with  
nano SIM holder

12~24V DC in  
vPro Support (i5/i7)  
TPM 2.0

## Key Features

- Intel 11th Gen core i7/i5/i3/Celeron CPU with DDR4 3200MHz SODIMM up to 64GB
- Quad Independent Displays: 1x HDMI 2.0b (4K60Hz), 1x HDMI 1.4b
- 4x USB3.1 Gen 2 support up to 10Gbits transmit speed
- 2x 2.5GbE LAN, 4x USB 2.0, 4x COM, 1x DIO, and 3x M.2 slots (M-Key, E-Key, B-Key)
- 12-24V Wide range DC power input
- Supports Intel vPro (Available on i5/i7 Models)
- -30°C to 60°C Operating Temperature

## Applications

- Industrial Automation
- Medical Appliances
- Digital Signage/Surveillance
- Retail, Banking, & Hospitality, Smart City

## Processor

Intel 11th Core i7-1185GRE/i5-1145GRE/i3-1115GRE/Celeron 6305E

## Memory Capacity

2x SODIMM Slots  
DDR4 up to 64GB, 3200MHz In-Band ECC

## Expansion Slots

1x B-key 2242/3342/2280 (SATA or PCIe/USB3/USB2 with nanoSIM)  
1x E-key 2230 (PCIe/USB2/CNVio)  
1x M-key 2242/2280 (PCIe x4)

## I/O ports

1x HDMI 2.0b  
1x HDMI 1.4b  
4x USB 3.1 Gen 2, 4x USB 2.0,  
4x COM (2 x RS-232/422/485, 2 x RS-232), 1x DIO via DB9  
2x RJ45 2.5GbE LAN

## Storage

1x M.2 M-Key w/ NVMe Support  
1x M.2 B-Key SATA

## Mounting Options

Wall Mount / VESA

## Power Supply

12V DC 60 or 84W Power Adapter

## Operating Temperature

-30°C to 60°C