



A compact, silent edge computer powered by Intel Core Ultra Gen2, built for industrial and automotive deployments.



High Performance Fanless Industrial Edge Computer  
NUC Mini PC

### KEY FEATURES

#### CPU

Intel Core Ultra Gen2 U7 265U (12C/14T, 2.1 GHz up to 2.4 GHz, 15W, vPRO, TPM 2.0, Secure Boot)

Intel Core Ultra Gen2 U5 235U (12C/14T, 5.3 GHz up to 4.9 GHz, 15W, vPRO, TPM 2.0, Secure Boot)

#### Operating System

Windows 11  
Linux

#### Video

Max Resolution: 2 x 4K  
Recommended Resolution: 2 x 4K

#### External Ports

1 x HDMI 2.0  
1 x DP 1.2  
3.5mm Line-in, 3.5mm Line-Out  
4 x USB 3.2 (Gen2x1) Type-A  
2 x RJ45 2.5Gbps  
WiFi (Optional)  
2 x RS232/422/485  
2 x CAN BUS 2.0 (DB9)  
DC 3Pin with Ignition  
5G/TE support via M.2 BKey

### TECHNICAL SPECS

#### Weight

2 lbs.

#### Dimensions

2.6" (H) x 6.8" (L) x 4.6" (W)  
6.3" length without ANT connector

#### Environment

0° to 60° C

#### Power

12/20V DC input  
20V/6A power supply adapter

#### Physical Characteristics

Metal housing

#### Memory

Type: DDR5 6400 x 2  
Recommended: 2 x 16GB SO-DIMM  
Max: 64GB

#### Storage

2280 M Key(Gen4)  
SATA 2.5"

### IDEAL FOR:

- Command & Control Center
- Government Agencies
- Architecture, Engineering, & Construction
- Media & Entertainment
- Healthcare
- Financial
- Digital Signage
- Training & Education

### Part Number

PE1000U

### BENEFITS



vPro and TPM 2.0 technologies provide built-in security, remote manageability, faster productivity, long battery life.



Intel Core Ultra Gen2 U7 265U Processors



Dual NIC solution increases security of physical and data assets



Compact small form factor reduces desktop footprint



Dual 4K monitor support for high performance multimedia