

# EdgeComp MS-NANX 16G Industrial PC



- Compact fanless design
- Support NVIDIA Jetson Orin NANX (Super Mode) module.
- 1 x M.2 Key-M 2242/2260/2280 NVMe SSD.
- 1 x M.2 Key-B for 4G/5G module, 1 x M.2 key-E for WiFi & BT
- 1 x GbE LAN, 1 x 2.5 GbE LAN. ( PoE opt.)
- 1 x RS232/CAN & 1 x RS232/422/485
- 12 to 20V DC input.

## Specification

|                       |                                                                                                               |
|-----------------------|---------------------------------------------------------------------------------------------------------------|
| nVidia Module         | Jetson Orin NX 16GB                                                                                           |
| AI Performance        | 100 TOPS                                                                                                      |
| GPU                   | 1024-core NVIDIA Ampere architecture GPU with 32 Tensor Cores                                                 |
| CPU                   | 8-core Arm® Cortex®-A78AE v8.2 64-bit CPU                                                                     |
| Memory                | 16GB 128-bit LPDDR5 102.4GB/s                                                                                 |
| HDMI®                 | 2.1                                                                                                           |
| Expansion Slot        | 1 x M.2 Key-E for 2230 Wi-Fi & BT module<br>1 x M.2 Key-B for 3042/3052 4G LTE/5G module<br>1 x Nano SIM slot |
| Storage               | 1 x M.2 Key-M 2242/2260/2280 NVMe SSD                                                                         |
| Serial Port           | 1 x RS232/CAN<br>1 x RS232/422/485                                                                            |
| USB                   | 4 x USB 3.2 type A<br>1 x Micro USB (for OS flash)                                                            |
| Ethernet              | 1 x GbE (POE opt)<br>1 x 2.5GbE (POE opt)                                                                     |
| Audio                 | 1 x 3.5mm Headset jack with Line-out/MIC-In                                                                   |
| Button                | 1 x Power On button<br>1 x Recovery button<br>1 x Reset button                                                |
| Power Input Connector | 1 x DC-IN 12V~20V<br>1 x 2-Pin Terminal Black                                                                 |
| Dimension (LxWxH)     | 160 x 102 x 80 mm                                                                                             |
| Operating temperature | -20~50 °C                                                                                                     |
| OS Support            | Linux, Jetpack 6.2<br>Support Jetson Orin NX/Nano modules (Super Mode-enabled)                                |

\*The specification and pictures are subject to change without notice and the

package contents may differ by area or your motherboard version!



BIOSTAR  
BIOSTAR Microtech International Corp.

