

Nano-N3281

14th Gen Intel® Core™ Processor - Network Security

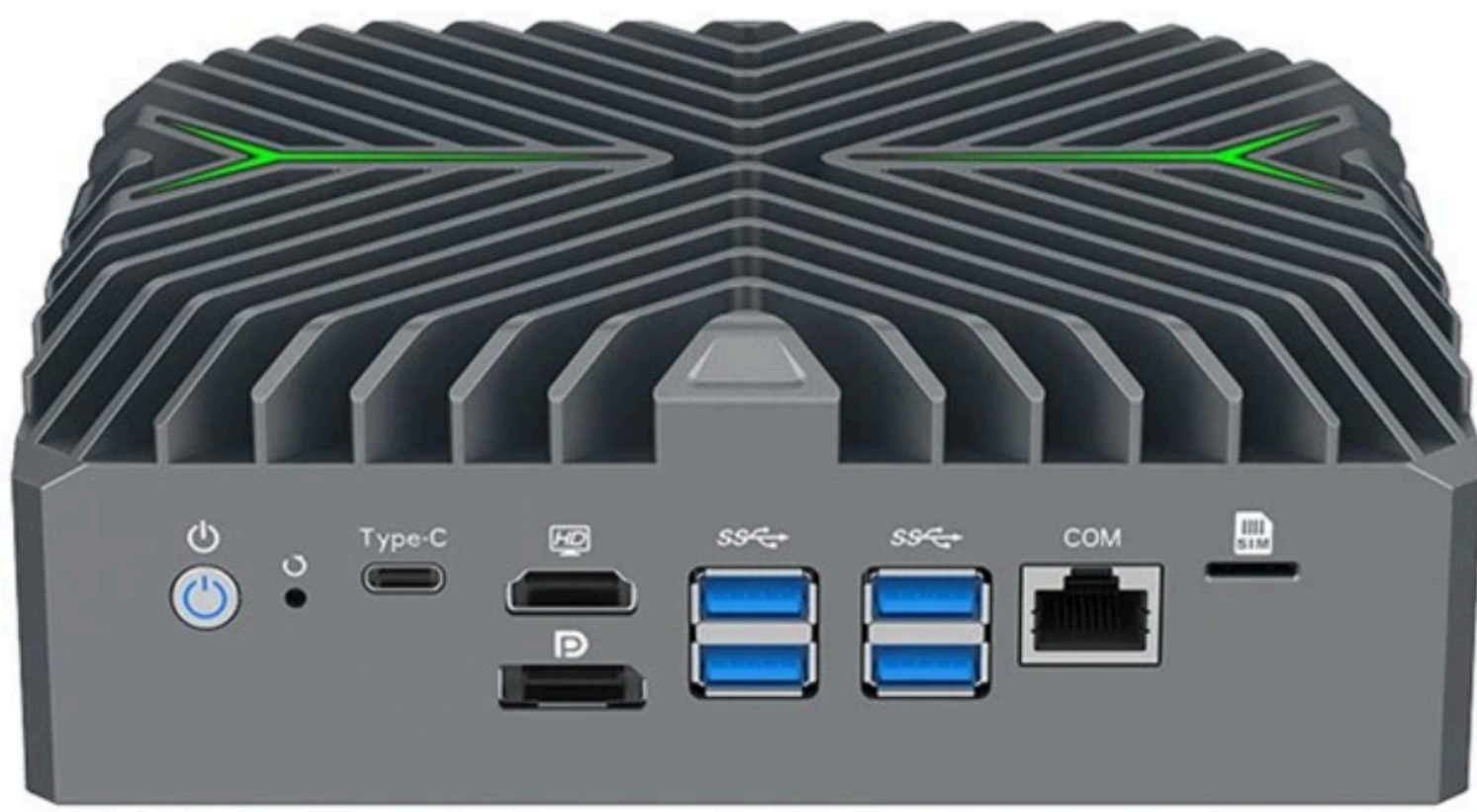
FEATURES



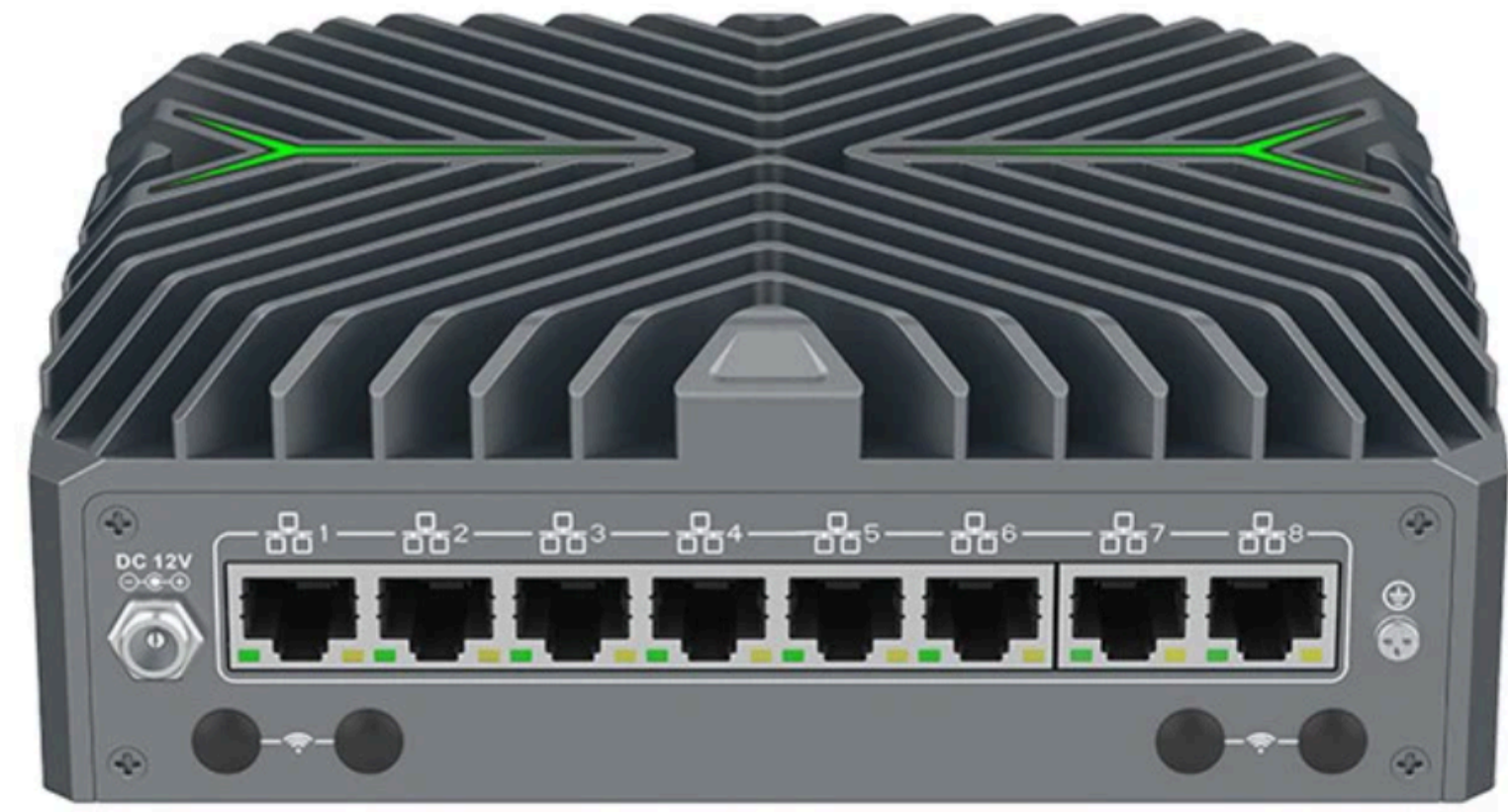
- Fanless Aluminum Design
- 14th Gen Intel® Core™ Processor
- 8 Intel 2.5G LAN Ports
(1 × Intel i226-LM, support vPro, 7 × Intel i226-V)
- 1 × HDMI, 1 × DP, 1 × Type-C, 3 display
- Support M.2 (NVME)+2.5-inch HDD/SSD+WIFI+4G

SPECIFICATION

SYSTEM	
Processor	Intel® Core™ Ultra 5 125U (12 core 14 threads, Max. Turbo 4.3 GHz, 15W) Intel® Core™ Ultra 7 155U (12 core 14 threads, Max. Turbo 4.8 GHz, 15W)
NPU	Intel AI Boost (Max Frequency 1.4GHz)
Memory	2 × DDR5 5600 SODIMM, Max. 64 GB
BIOS	AMI EFI BIOS
Display Chip	Intel® Graphics
Display Port	1 × HDMI 1 × DP 1 × Type-C Resolution up to 4096x2160@60Hz
Storage	1 × M.2 2280, 1 × 2.5-inch HDD/SSD
Expansion	1 × M.2 2280 M-Key (NVME protocol, PCIe 4.0 ×4) 1 × M.2 2230 E-key (PCIe and USB/CNVio2) 1 × M.2 3052 (2242) B-key (USB 3.0 signal, 4G/5G), external SIM Card Slot Expansion Ports (standard configuration doesn't include): 2 × USB 2.0, 4 Pin GPIO
OS Support	Windows 10, Windows 11, Linux, iKuai, pfSense
Front I/O	1 × Power Button 1 × Reset 1 × Type-C (support DP/USB 3.2/PD 5V1A) 1 × HDMI 1 × DP 4 × USB 3.2 1 × RJ45 COM Port (support console) 1 × SIM Card Slot
Rear I/O	1 × DC-In 8 × Intel 2.5G LAN Ports (1 × Intel i226-LM support vPro, 7 × Intel i226-V)
Ethernet	7 × Intel i226-V 100/1000/2500M LAN Ports 1 × Intel i226-LM 100/1000/2500M LAN Ports, support Intel vPro (LAN1)
Power	DC 12V
Other Function	Power On, Timed Power On, Network Wake-Up, PXE, Watchdog (0-255 Levels), TPM2.0 Secure Encryption
Application	Firewall, VPN, Network Server, Network Security, Router etc.
ENVIRONMENT	
Operating Temperature	0°C ~ 40°C (Commercial HDD), -20°C ~ 50°C (Industrial SSD), surface air flow
Relative Humidity	5% ~ 95% (non-condensing)
Certification	CE, CCC, FCC Class A, RoHS
MECHANISM	
Dimension	170 × 140 × 58 mm
Net Weight	1.36 kg



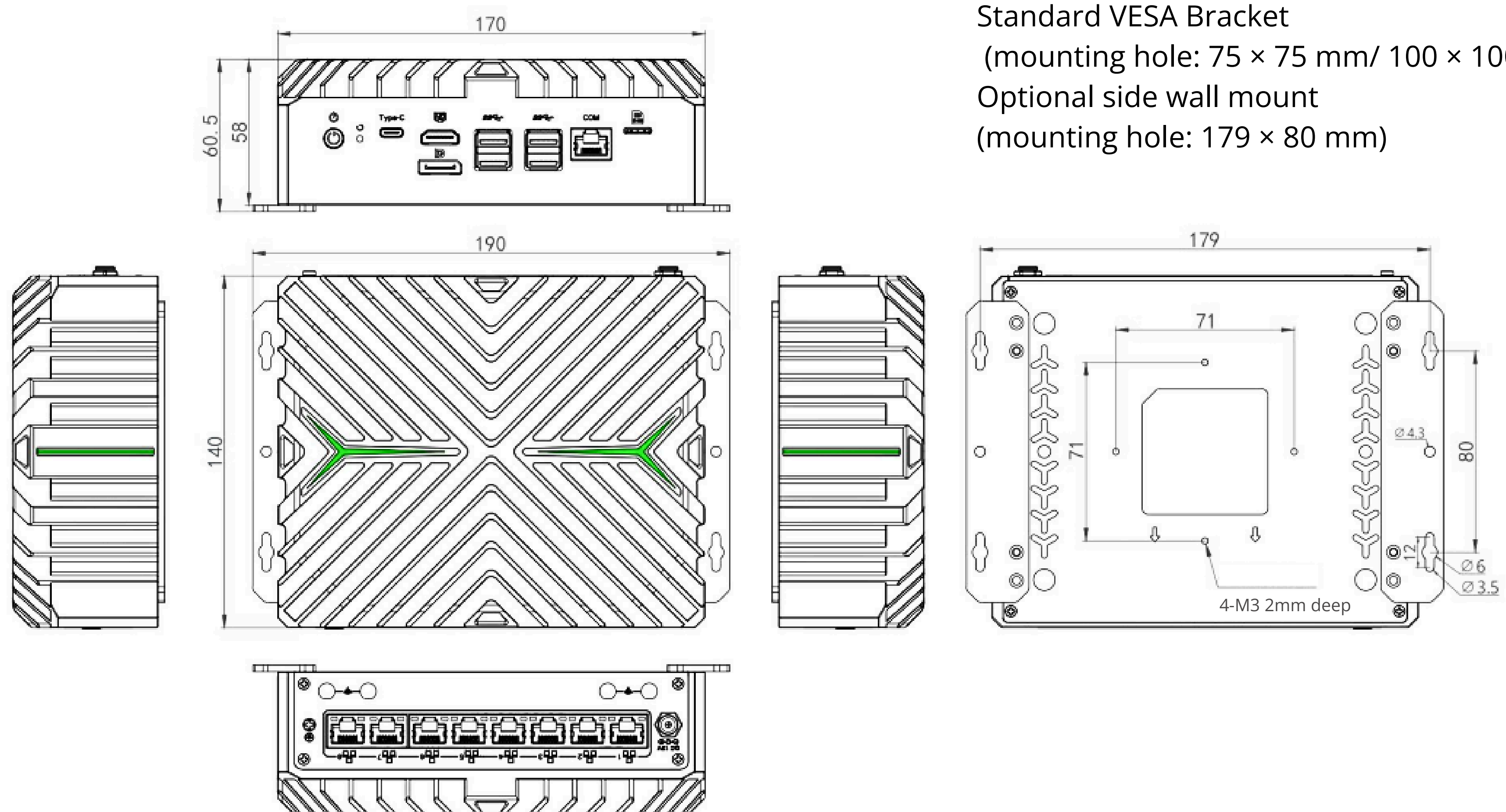
Front View



Rear View

DIMENSION

unit:mm



Note:

Standard VESA Bracket
(mounting hole: 75 × 75 mm/ 100 × 100 mm)

Optional side wall mount
(mounting hole: 179 × 80 mm)

ORDER INFORMATION

Nano N3281	CPU	Specification
Configuration 1	Intel® Core™ Ultra 5 125U	Standard I/O
Configuration 2	Intel® Core™ Ultra 7 155U	Standard I/O

ACCESSORY

Part Name	Quantity	Specification
Power Adapter	1	Suggestion 12V 10A
Power Cord	1	CN, US, UK, EU etc.
Qualified certificate	1	Neutral
Warranty card	1	Neutral
VESA Bracket	1	Standard