

# Nano-N342F

Intel® 7th/8th/10th gen Core processor Mini PC



## Features:

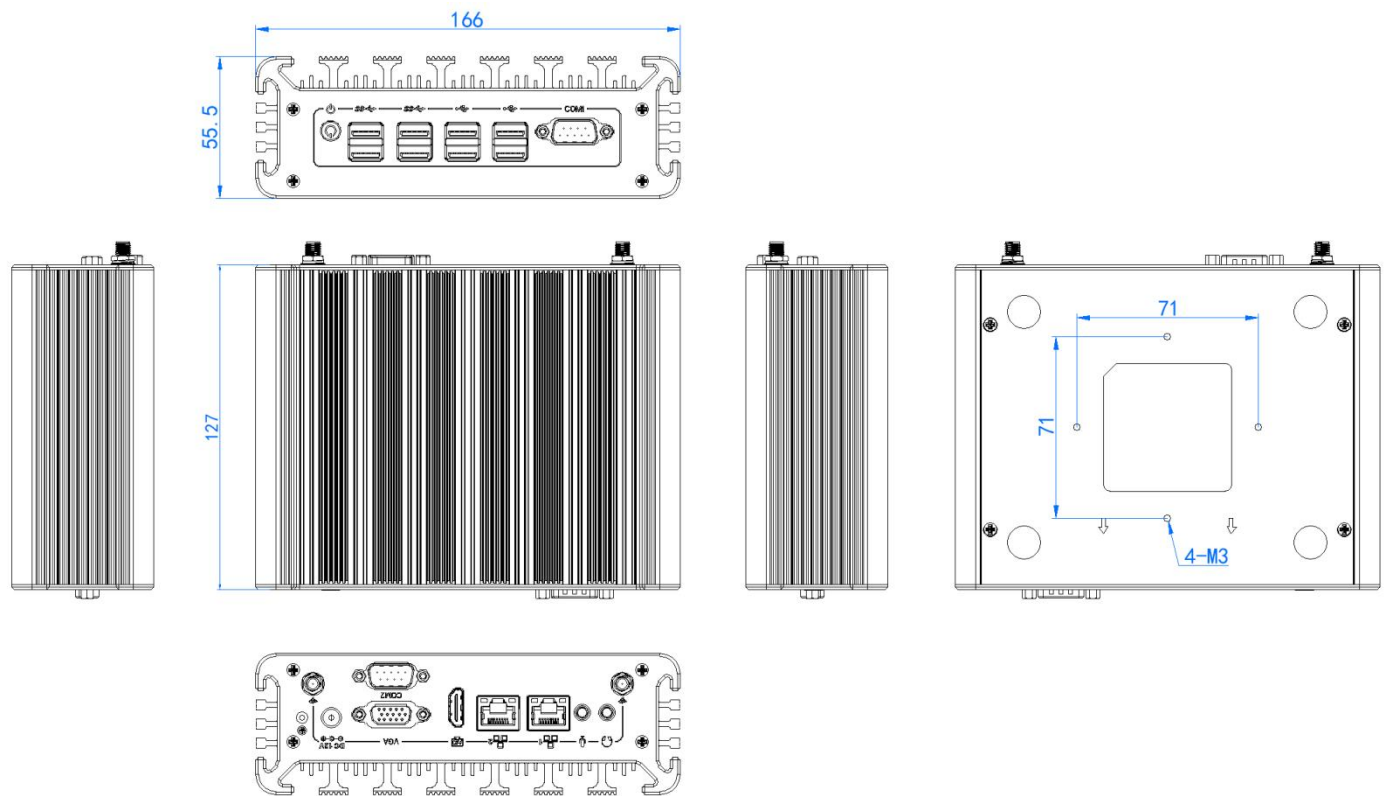
- ◇ All aluminum alloy structure, no fan design;
- ◇ Intel® 7th/8th/10th gen Core™ processor ;
- ◇ 1\* M.2 2280 slot and 1\*2.5 inch hard disk;
- ◇ 1\*HDMI, 1\*VGA;
- ◇ 2\*COM ports (RS232 mode);
- ◇ 8\*USB ports;
- ◇ DC 12V input;
- ◇ Applied OS:



## Specification

|                |                                                                                                                                                                                                                                                       |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model          | Nano-N342F                                                                                                                                                                                                                                            |
| Color          | Metallic Gray (color can be customized)                                                                                                                                                                                                               |
| Material       | High quality all aluminum alloy                                                                                                                                                                                                                       |
| Processor      | Intel Core i5-7287U (dual-core 4 threads, base frequency 3.3 GHz, up to 3.7 GHz)<br>Intel Core i5-8350U (4 cores 8 threads, base frequency 1.7 GHz, up to 3.6 GHz)<br>Intel Core i7-10610U (4 cores 8 threads, base frequency 1.8 GHz, up to 4.9 GHz) |
| Architecture   | Kaby Lake/Kaby Lake R/Comet Lake                                                                                                                                                                                                                      |
| Memory         | Support DDR4 2133/2400/2666 SODIMM memory slots<br>(i5-7287U & i5-8350U 1*DDR4 Ram, Max 32G ; i7-10610U 2*DDR4 Ram ,Max 64G)                                                                                                                          |
| BIOS           | AMI EFI BIOS                                                                                                                                                                                                                                          |
| Display chip   | Intel® Iris® Plus Graphics 650/Intel® UHD Graphics 620/Intel® UHD Graphics                                                                                                                                                                            |
| Display Port   | 1*VGA , 1*HDMI (HDMI resolution up to 4096x2304@24Hz)                                                                                                                                                                                                 |
| Front I/O      | 1*power button, 4*USB3.0, 4*USB2.0, 1*COM RS232                                                                                                                                                                                                       |
| Rear I/O       | 1*DC , 1*VGA , 1*HDMI , 2*RJ45 network ports, 1*COM RS232<br>1 Mic, 1 Line Out                                                                                                                                                                        |
| Expansion slot | 1* M.2 2280 M-Key slot (support SATA & NVME , PCIE3.0X4)<br>1* MINI PCIE slot (PCIe & USB2.0 protocol, support 4G/WIFI), built-in Nano-SIM card slot                                                                                                  |
| Network        | 2* Realtek 8111H 10/100/1000M Ethernet                                                                                                                                                                                                                |
| Storage        | 1* M.2 2280 slot and 1*2.5 inch hard disk                                                                                                                                                                                                             |
| Input Voltage  | DC 12V input                                                                                                                                                                                                                                          |
| Other Function | Auto power on、Timing boot、 Wake on LAN、 PXE boot, TPM2.0 security encryption                                                                                                                                                                          |
| Work Temp      | 0℃ ~ +45℃, surface air flow                                                                                                                                                                                                                           |
| Work Humidity  | 5% ~ 95% non-condensable state                                                                                                                                                                                                                        |
| Certificate    | CE、 CCC、 FCC Class A、 RoHS                                                                                                                                                                                                                            |
| Dimension      | 166 * 127 * 55.5 mm                                                                                                                                                                                                                                   |
| Weight         | 1.19 kg                                                                                                                                                                                                                                               |
| Application    | Industrial automation, medical, logistics and transportation, warehousing, electronic education etc.                                                                                                                                                  |

# Nano-N342F Drawing



| Accessory     |          |                       |
|---------------|----------|-----------------------|
| Name          | Quantity | Specification         |
| Power Adapter | 1        | Recommendation 12V 5A |
| Power Cord    | 1        | CN、US、UK、EU.etc       |
| VESA Bracket  | 1        | Standard              |

| Order Information |                                                                                                 |                      |               |
|-------------------|-------------------------------------------------------------------------------------------------|----------------------|---------------|
| Configuration 1   | Nano-N342F                                                                                      | Intel Core i5-7287U  | Standard Port |
| Configuration 2   | Nano-N342F                                                                                      | Intel Core i5-8350U  | Standard Port |
| Configuration 3   | Nano-N342F                                                                                      | Intel Core i7-10610U | Standard Port |
| Notes             | [i5-7287U, i5-8350U] support the motherboard DuPont USB2.0 pin socket to expand 2* USB2.0       |                      |               |
|                   | [i7-10610U] The motherboard doesn't have duPont USB2.0 pin and doesn't support USB2.0 expansion |                      |               |