



# X86 Architecture









Panel PC with Intel® Core i3 chipset for excellent compatibility and performance.

# 15.6" PANEL PC HIGH BRIGHTNESS TOUCH SCREEN

## NX1560

The Panel PC combine advanced computing power with 15.6" solid displays to provide a modular solution that enables easy customization and simplified upgrading while reducing maintenance costs. It is designed for use in monitoring and controlling production processes in industries obligated to meet high stability standards.

-   
 1000 nits High Brightness
-   
 Multi-point Touch
-   
 1920x1080 Resolution
-   
 IP64 Front Panel
-   
 Windows 10 (unactivated)
-   
 Linux

|   |   |
|---|---|
| <br><b>CPU</b><br>Intel® Core i3 2.1GHz, dual-core processor  | <br><b>OS</b><br>Windows 10 (unactivated) / Linux for optional                          |
| <br><b>GPU</b><br>Intel HD Graphics 5500                     | <br><b>Memory/Storage</b><br>Memory: 4GB DDR3, up to 8GB<br>Storage: 120GB mSATA       |
| <br><b>Sound</b><br>Integrated Realtek ALC662 HD, 6 channels | <br><b>Watch Dog</b><br>Watch Dog program, supports hardware reset (256 level, 0~255s) |
| <br><b>Wi-Fi</b><br>802.11a/b/g/n/ac, 2.4 GHz                | <br><b>Bluetooth</b><br>2402MHz~2480MHz  |



## Flexible I/O Interfaces

Panel PC is equipped with 4×USB host ports, 1×LAN 1000M port, RS232 / RS422 / RS485 ports, VGA and HDMI output to connect seamlessly with your application.

### DC Power Supply

- ① DC 12V power supply.

### HDMI Output

- ② HDMI 1.4 output interface, support up to 4K 30Hz.

### VGA Output

- ③ VGA output interface, support up to 1080P 60Hz.

### USB Host

- ④ USB 3.0 ×2, USB-A Type.  
⑥ USB 2.0 ×2, USB-A Type.

### RJ45 Port

- ⑤ LAN 1000M×1

### Audio Output

- ⑦ Stereo Audio Output (3.5mm)×1.

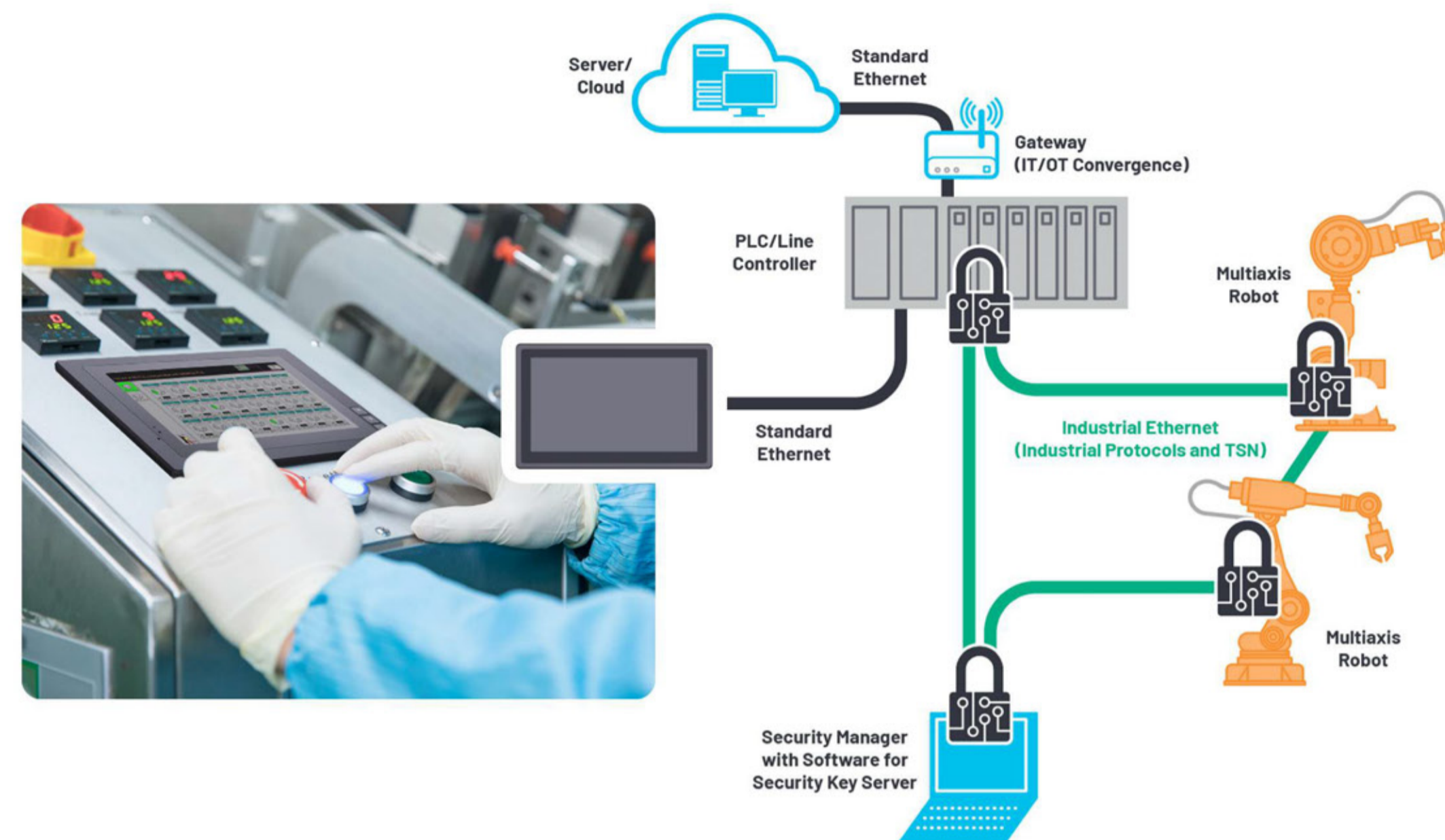
### MIC Input

- ⑧ Microphone Input (3.5mm)×1.

### DB-9 Ports

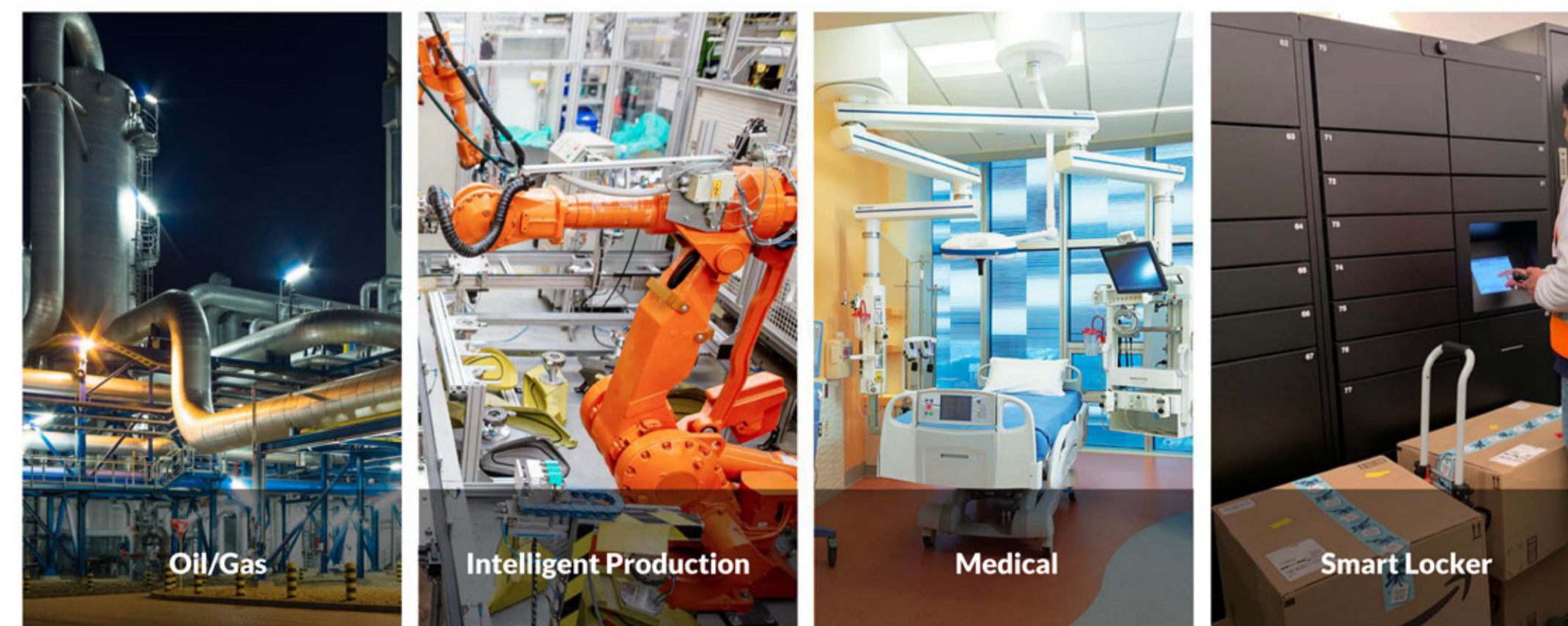
- ⑨ COM 1, support RS232.  
⑩ COM 2, support RS232/ RS422/ RS485.

# INDUSTRIAL HMI



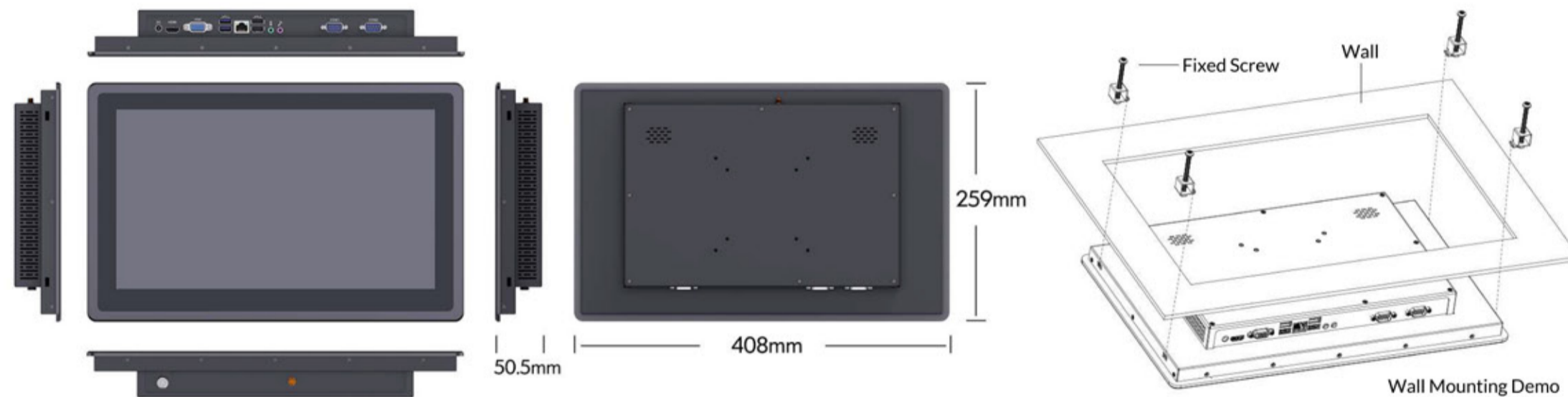
## HMI Applications

Due to increasingly developed world of industrial automation, HMIs are used in a wide range of applications. As the controlling and monitoring core of automated processes, stability, efficiency and environmental adaptability are particularly important. Therefore, it is adapted to different scenarios.



# Specifications

|                   |                   |  |
|-------------------|-------------------|--|
| SYSTEM            | CPU               | Intel® Core i3-5015U, 2.1GHz dual-core processor                                 |
|                   | OS                | Windows 10 (unactivated) / Linux   |
|                   | RAM + ROM         | 4GB (8GB is optional) + 120GB (support up to 1TB)                                |
|                   | GPU               | Intel HD Graphics 5500   |
| DISPLAY           | Sensors           | Light sensor, auto dimming (Optional)  |
|                   | LCD               | 1920×1080, 1000 nits, 160°/160° viewing angle                                    |
| INTERFACES        | Touch Screen      | Multi-point capacitive touch screen  |
|                   | LAN               | 1000M×1  |
|                   | HDMI Output       | ×1, support up to 4K 30Hz  |
|                   | VGA Output        | ×1, support up to 1080P 60Hz   |
|                   | COM (DB-9)        | COM1 supports RS232; COM2 supports RS232 / RS422 / RS485                         |
|                   | USB               | USB2.0 host×2, USB3.0 host×2   |
|                   | Audio Output      | Audio output×1, green port   |
| WIRELESS FUNCTION | MIC Input         | Microphone×1, red port   |
|                   | Bluetooth         | 2402MHz~2480MHz  |
| POWER             | Wi-Fi             | 802.11a/b/g/n, 2.4GHZ  |
|                   | Power Supply      | DC 12V   |
| OTHERS            | Power Consumption | ≤45W (≤2.5W when standby)  |
|                   | Speaker           | ×2, 8Ω 5W  |
|                   | Dimension         | 408mm×259mm×50.5mm   |
|                   | Weight            | 4.06kg   |
| Environment       |                   | Operating Temp: -10°C~60°C (14°F~140°F)<br>Storage Temp: -20°C~70°C (-4°F~158°F) |



## ACCESSORIES

### STANDARD



# Customized Service

(The following elements are specific to customised items and do not represent parameters of this PC)

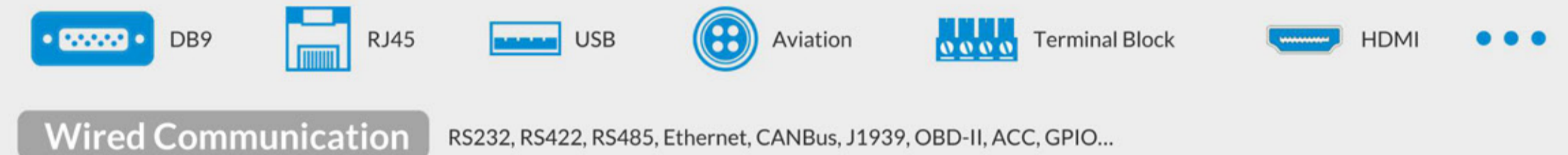
## Development Platform



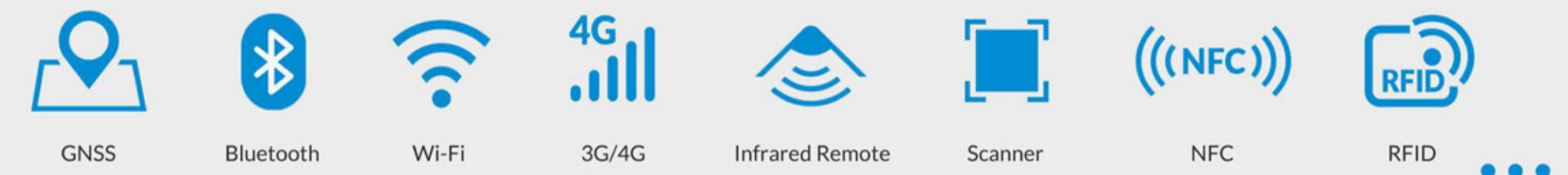
## Operation System



## Interface Types



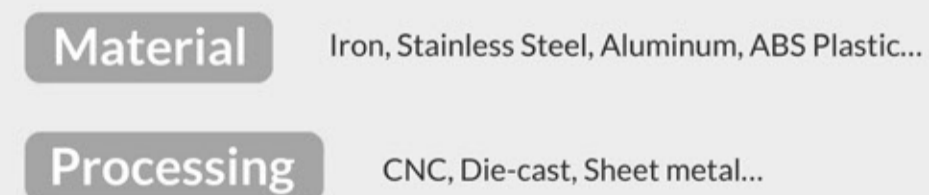
## Wireless Communication



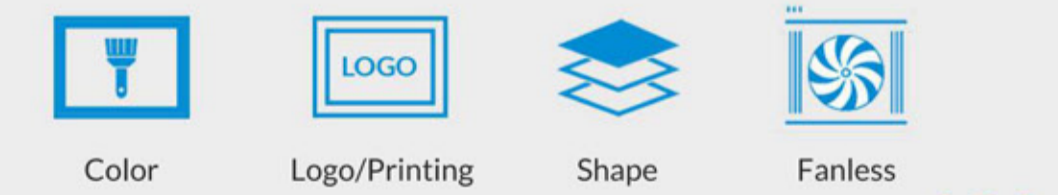
## Screen Panel



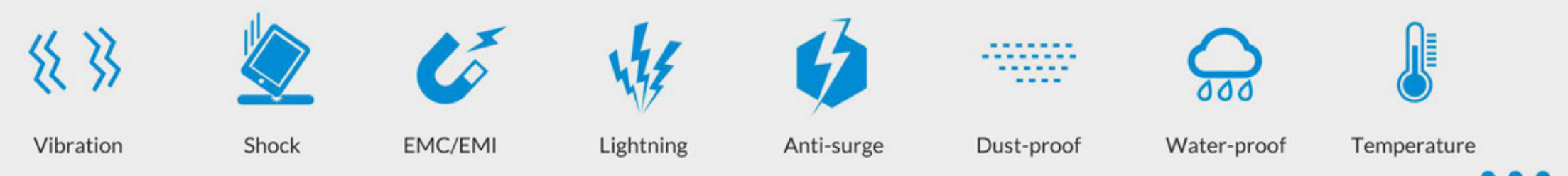
## Appearance Structure



## Basic Appearance



## Application Environment



neway®

QUANZHOU NEWAY INDUSTRIAL LIMITED

Tel: +86-595-22519926 / Fax: +86-595-22519925

Email: info@neway.me / Web: www.neway.me