LILLIPUT®

X86 Architecture

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

15.6" PANEL PC
HIGH BRIGHTNESS TOUCH SCREEN

PC-1560

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.
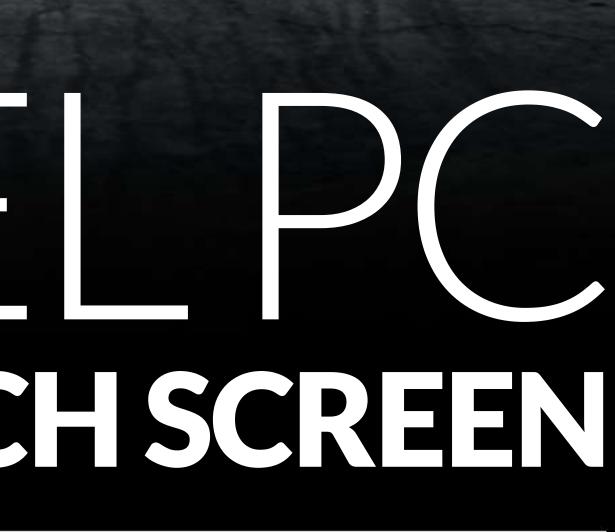
1000NITS — 1000 nits High Brightness

Multi-point Touch
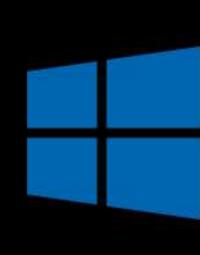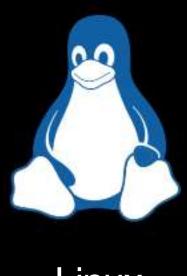
1920×1080 — 1920×1080 Resolution

IP64 Front Panel

Windows 10 (unactivated)

Linux
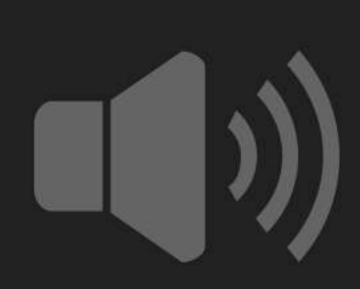
CPU
Intel® Core i3 2.1GHz, dual-core processor

OS
Windows 10 (unactivated) / Linux for optional

GPU
Intel HD Graphics 5500

Memory/Storage
Memory: 4GB DDR3, up to 8GB
Storage: 120GB mSATA
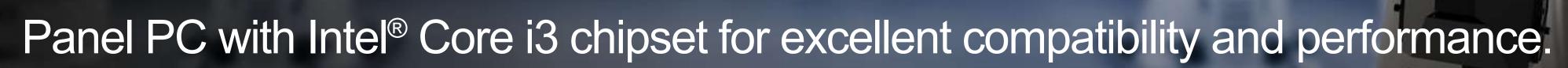
Sound
Integrated Realtek ALC662 HD, 6 channels

Watch Dog
Watch Dog program, supports hardware reset
(256 level, 0~255s)
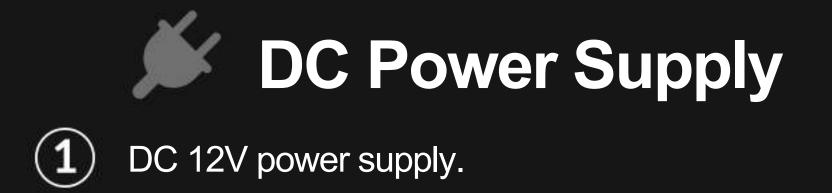
Wi-Fi
802.11a/b/g/n/ac, 2.4 GHz

Bluetooth
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 ouput to connect seamlessly with your application.
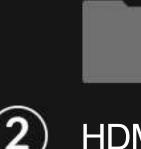
DC Power Supply
① DC 12V power supply.

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.

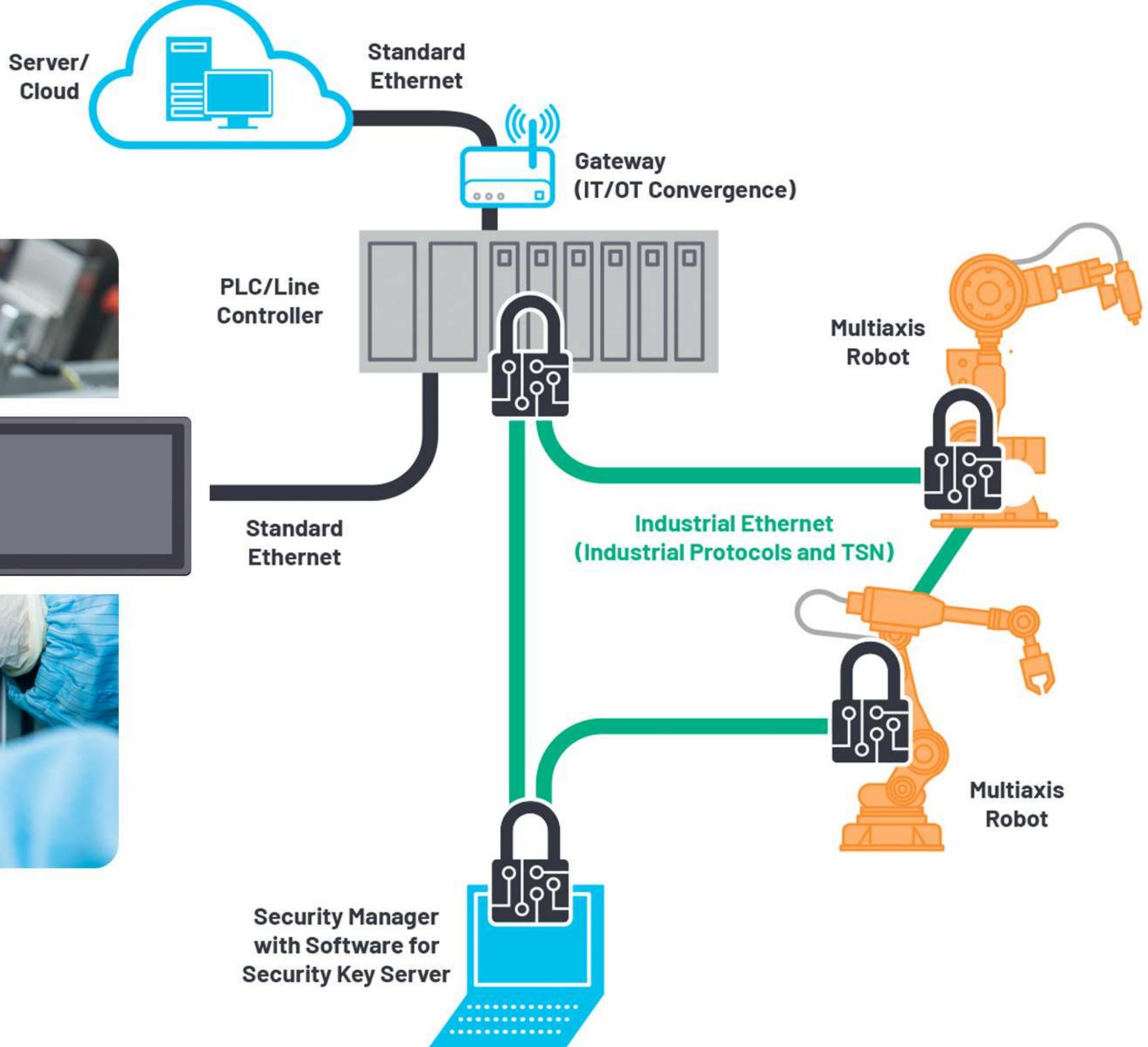## MIC Input
⑧ Microphone Input (3.5mm)×1.
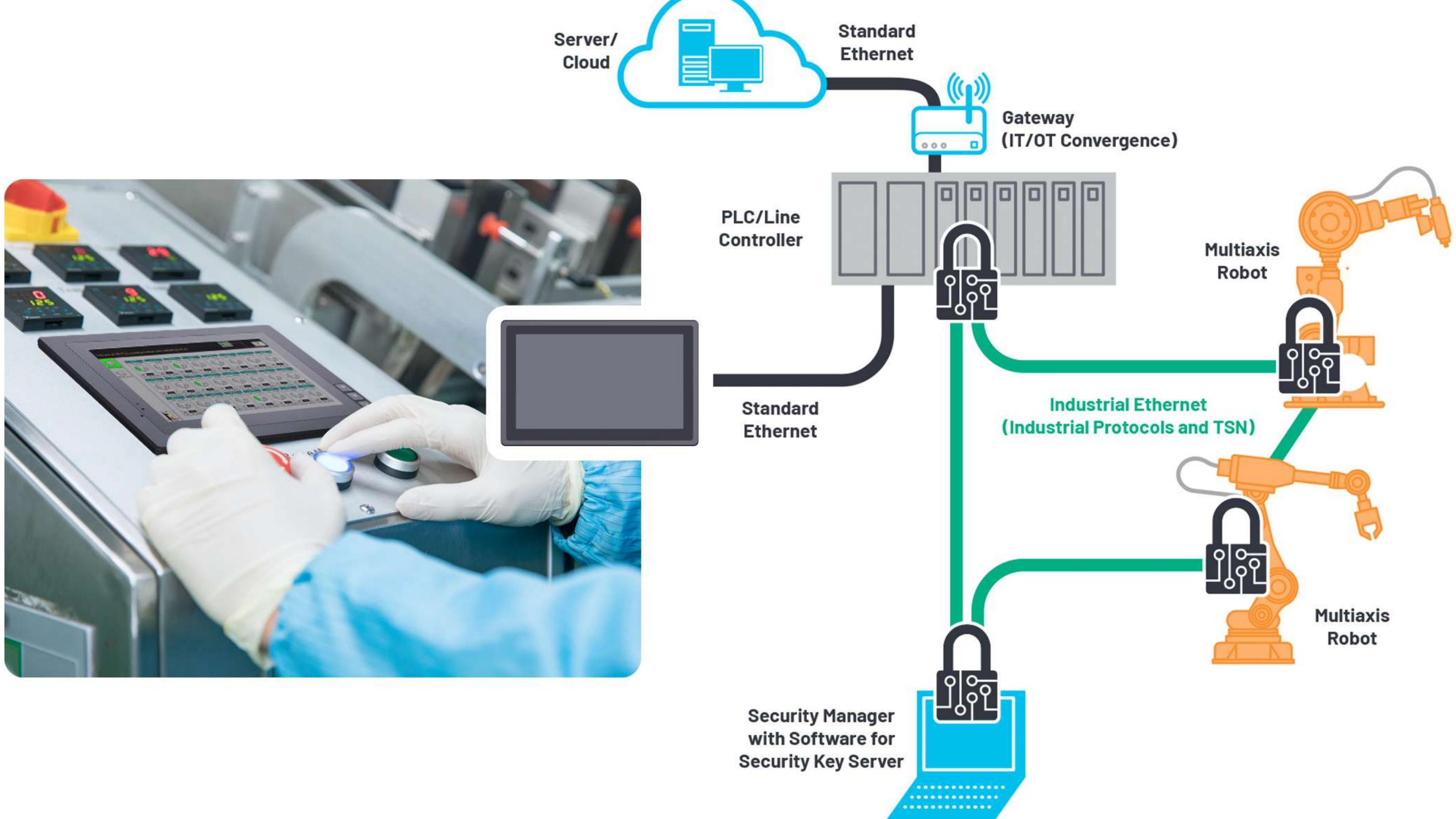
DB-9 Ports
⑨ COM 1, support RS232.
⑩ COM 2, support RS232/ RS422/ RS485.
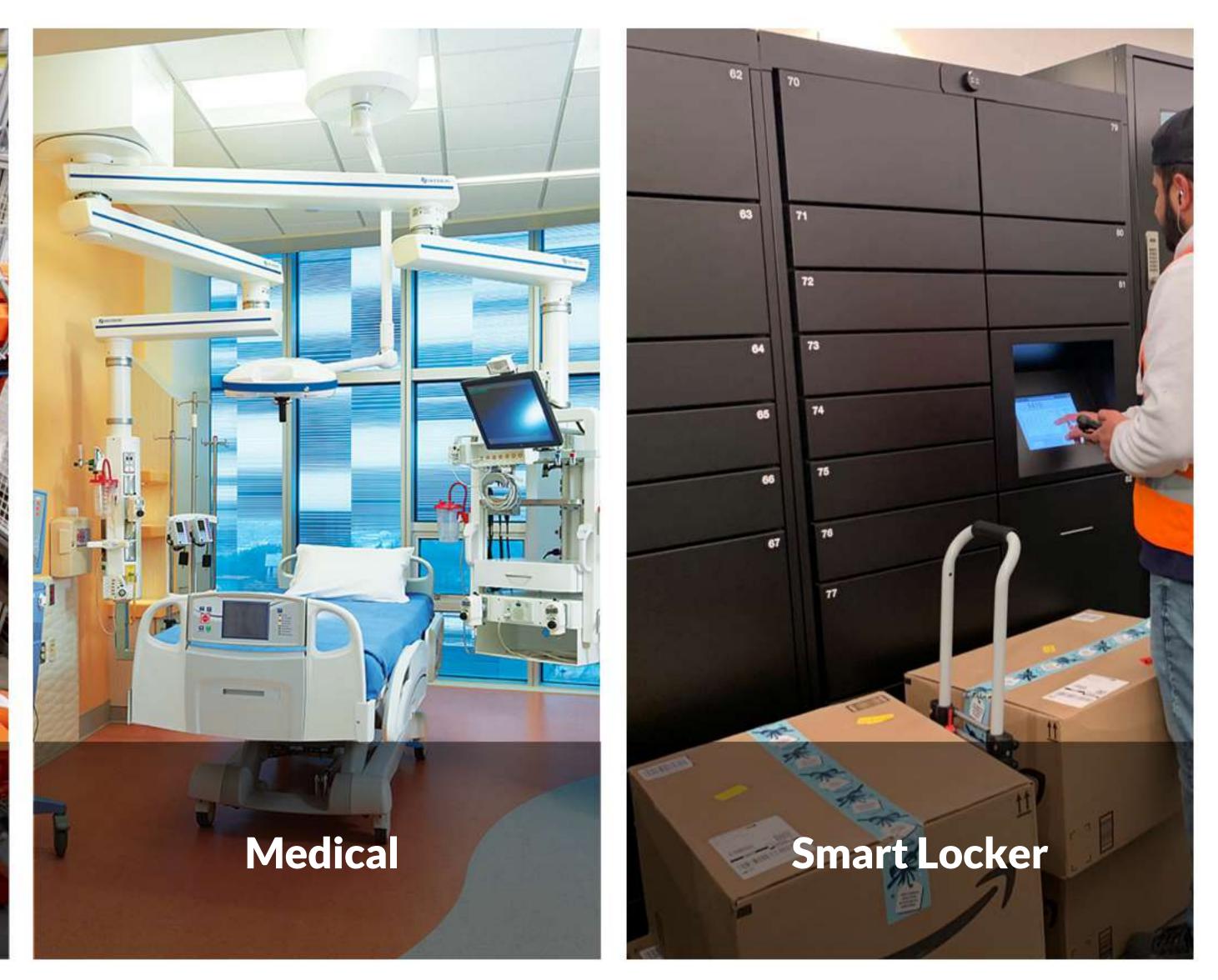
INDUSTRIAL HMI

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.
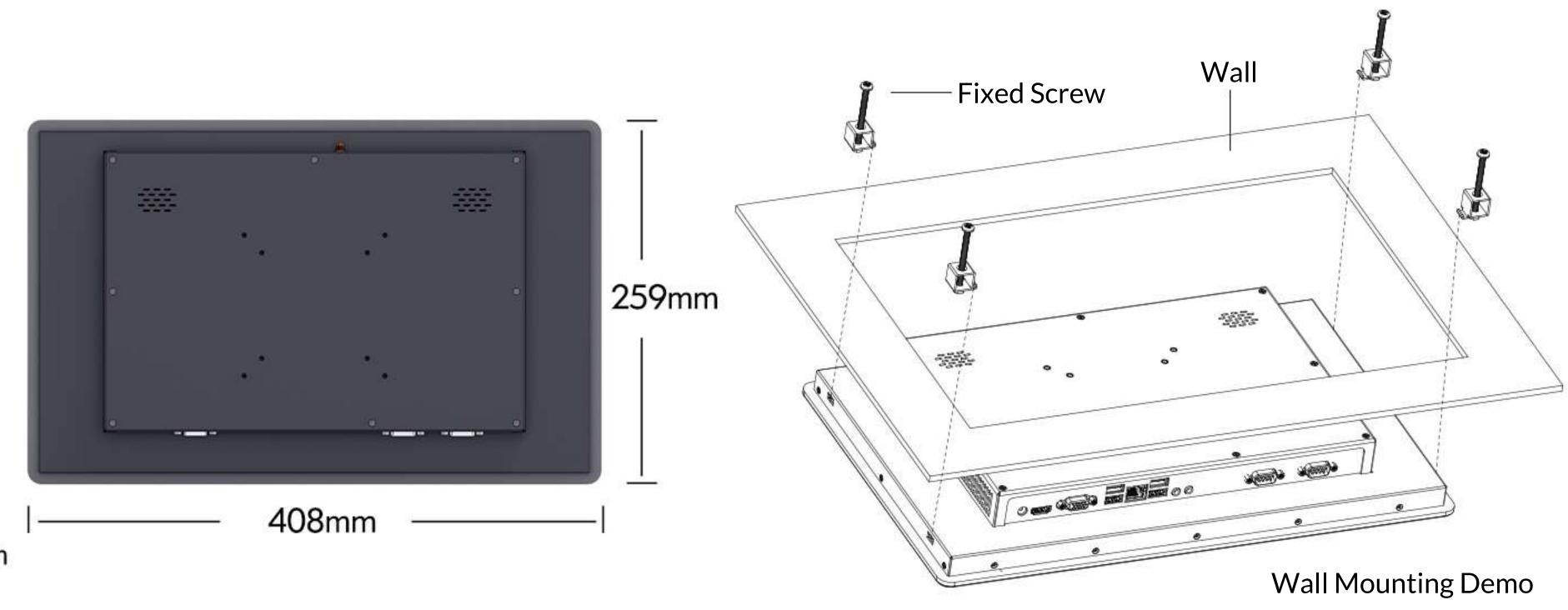
Oil/Gas

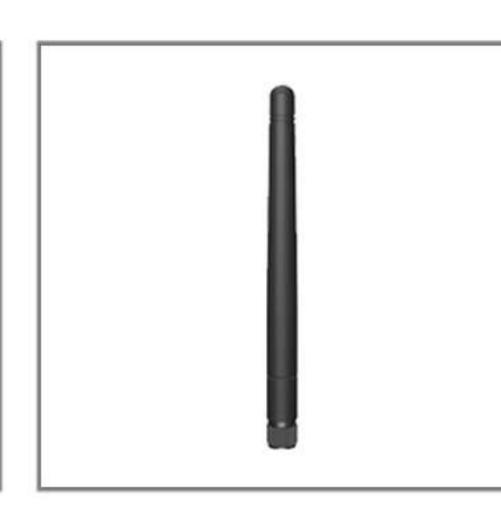Intelligent Production

Medical

Smart Locker

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
	Sensors	Light sensor, auto dimming (Optional)
DISPLAY	LCD	1920×1080, 1000 nits, 160°/160° viewing angle
	Touch Screen	Multi-point capacitive touch screen
INTERFACES	LAN	1000M×1
	HDMI Output	×1, support up to 4K 30Hz
	VGA Output	×1, support up to 1080P 30Hz
	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
	MIC Input	Microphone×1, red port
WIRELESS FUNCTION	Bluetooth	2402MHz~2480MHz
	Wi-Fi	802.11a/b/g/n, 2.4GHZ
POWER	Power Supply	DC 12V
	Power Consumption	≤45W (≤2.5W when standby)
OTHERS	Speaker	×2, 8Ω 5W
	Dimension	408mm×259mm×50.5mm
	Weight	4.06kg
	Environment	Operating Temp: -10°C~60°C (14°F~140°F)
		Storage Temp: -20°C~70°C (-4°F~158°F)

Fixed Screw Wall

259mm

50.5mm 408mm

Wall Mounting Demo

ACCESSORIES

STANDARD

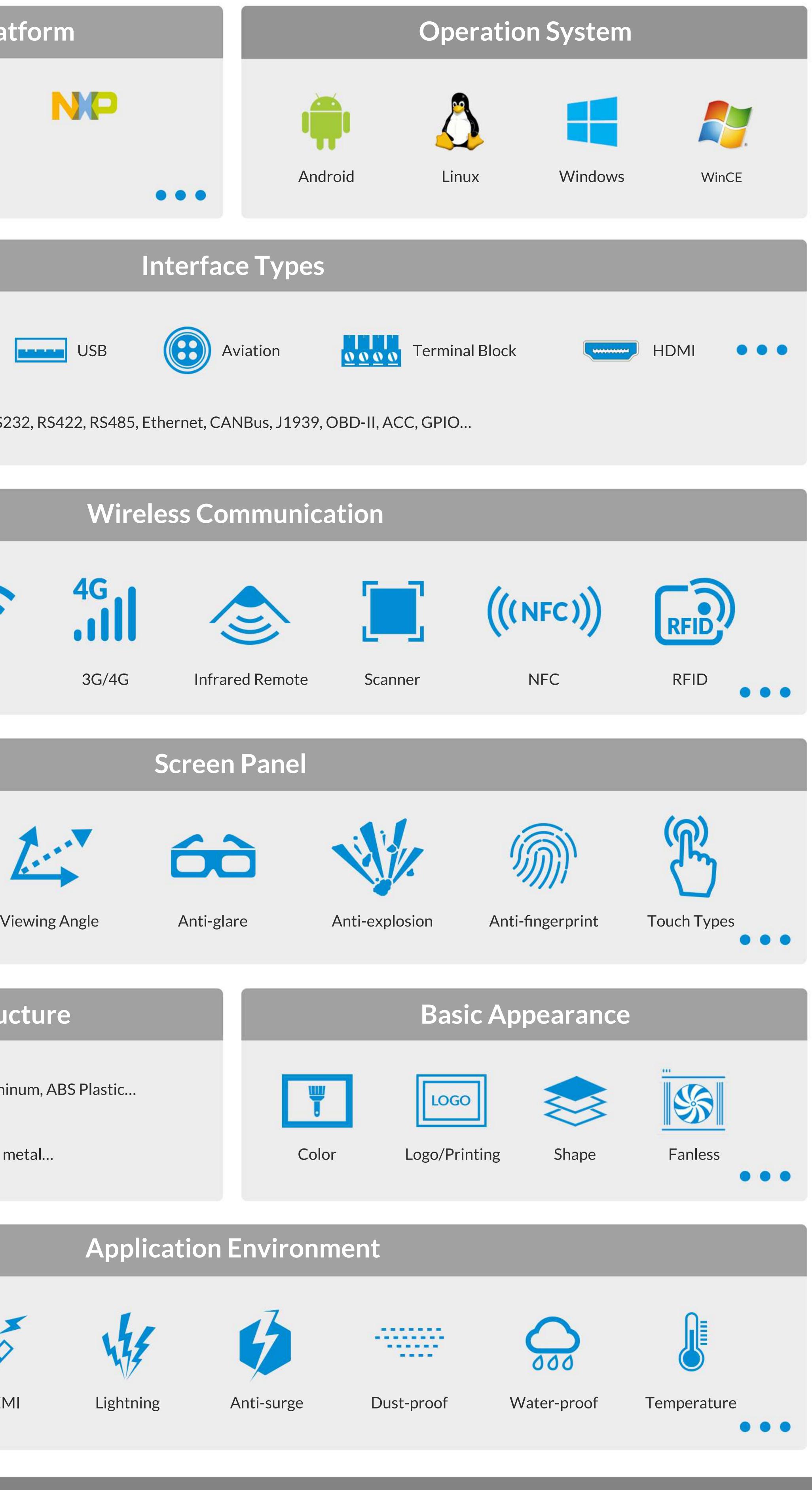12V DC Adapter   2.4GHz Wifi Antenna   Fixed Screws   Electronic User Manual

User Manual
用户使用手册

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

Development Platform

Qualcomm   TEXAS INSTRUMENTS   NXP   Rock-chip   intel

Operation System

Android   Linux   Windows   WinCE

Interface Types

DB9   RJ45   USB   Aviation   Terminal Block   HDMI

Wired Communication   RS232, RS422, RS485, Ethernet, CANBus, J1939, OBD-II, ACC, GPIO…

Wireless Communication

GNSS   Bluetooth   Wi-Fi   3G/4G   Infrared Remote   Scanner   NFC   RFID

Screen Panel

Size   High Brightness   Viewing Angle   Anti-glare   Anti-explosion   Anti-fingerprint   Touch Types

Appearance Structure

Material   Iron, Stainless Steel, Aluminum, ABS Plastic…

Processing   CNC, Die-cast, Sheet metal…

Basic Appearance

Color   Logo/Printing   Shape   Fanless

Application Environment

Vibration   Shock   EMC/EMI   Lightning   Anti-surge   Dust-proof   Water-proof   Temperature