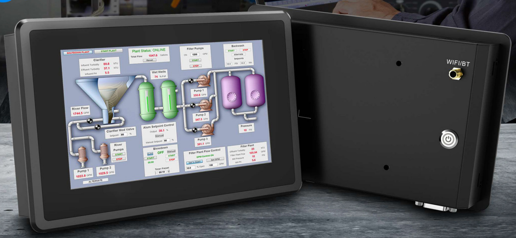
NEWAY®

7" TOUCH SCREEN
HIGH BRIGHTNESS PANEL PC

N703



1000NITS
1000 nits High Brightness

Multi-point Touch

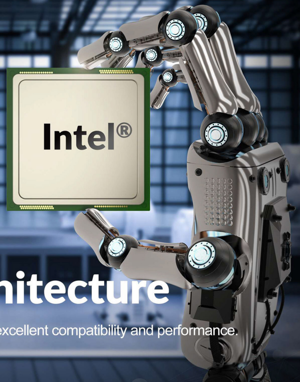
Rich Interfaces

IP65 Front Panel

PROTECTION
Metal Housing

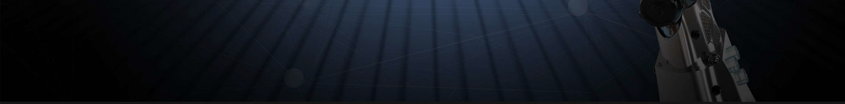
Windows 10

Linux



X86 Architecture

Panel PC with Intel® J1900 chipset for excellent compatibility and performance.



CPU
Intel® J1900 2.0GHz, quad-core processor

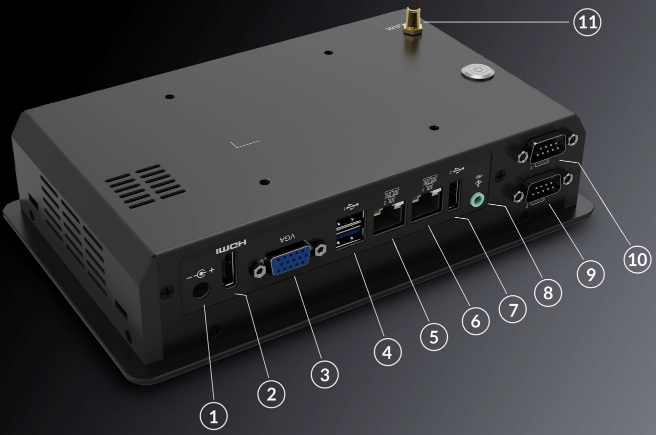
OS
Windows 10 / Linux, all for optional

GPU
Integrated Intel HD Graphics

Memory/Storage
Memory: 4GB DDR3, up to 8GB
Storage: 120GB mSATA, up to 1TB

Wi-Fi
802.11a/b/g/n/ac, 2.4 GHz

Bluetooth
2402MHz~2480MHz



Flexible I/O Interfaces

Panel PC is equipped with 3×USB host ports, 2×LAN 1000M port, 2×RS232 / 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 1080P 60Hz.

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

USB Host
④ USB 3.0 ×2, USB-A Type.
⑦ USB 2.0 ×1, USB-A Type.

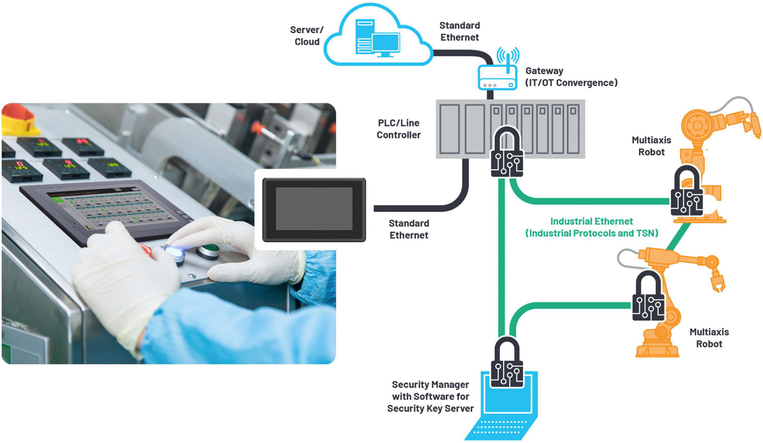
RJ45 Port
⑤⑥ LAN 1000M×2

Audio Output
⑧ Stereo Audio Output (3.5mm)×1.

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

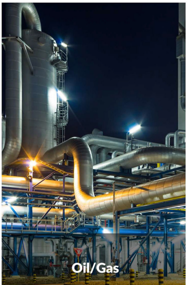
Antenna Slot
⑪ Wi-Fi / BlueTooth Antenna ×1.

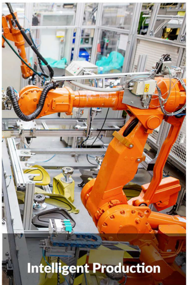
Industrial HMI



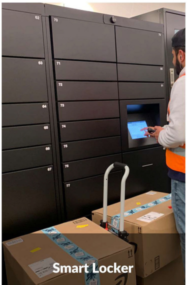
HMI Applications

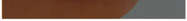
Because of increasingly developed world of industrial automation, HMIs are used in a wide range of applications. As the controlling and monitoring core of automated processes, stability, efficiency and environmental adaptability are particularly important. Therefore, it is adapted to different scenarios.


Oil/Gas


Intelligent Production

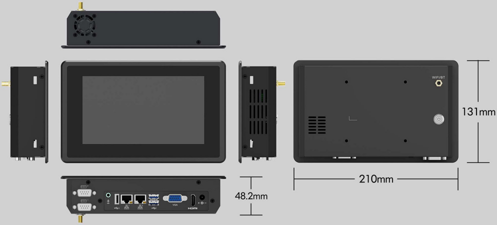
Medical

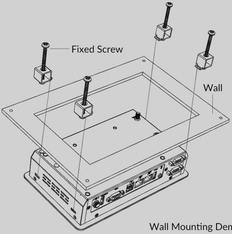

Smart Locker



Specifications

SYSTEM	CPU	Intel® J1900, 2.0GHz quad-core processor
	OS (Optional)	Windows 10 / Linux
	RAM + ROM	4GB (8GB is optional) + 120GB (support up to 1TB)
	GPU	Integrated Intel HD Graphics
DISPLAY	LCD	800×480, 1000 nits
	Touch Screen	Multi-point capacitive touch screen
INTERFACES	LAN	×2, 1000M
	HDMI Output	×1, support up to 1080P 60Hz
	VGA Output	×1, support up to 1080P 60Hz
	COM (DB-9)	COM1 supports RS232; COM2 supports RS232 / RS485
	USB	USB2.0 host×1, USB3.0 host×2
	Audio Output	Audio output×1, green port
FUNCTION	Bluetooth	2402MHz~2480MHz
	Wi-Fi	802.11a/b/g/n, 2.4GHZ
POWER	Power Supply	DC 12V
	Power Consumption	≤19W (≤2.5W when standby)
OTHERS	Dimension	210mm×131mm×48.2mm
	Weight	985g
	Environment	Front Panel Water-Proof: IPx5
		Front Panel Dust-Proof: IP6x
		Operating Temp: -10°C~60°C (14°F~140°F)
		Storage Temp: -20°C~60°C (-4°F~140°F)





Wall Mounting Demo

ACCESSORIES

STANDARD

12V DC Adapter

2.4GHz Wifi Antenna

Fixed Screws

User Manual
Please scan the QR code to DOWNLOAD
用户使用手册
Thank you for purchasing our product!

Electronic User Manual

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
• • •

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