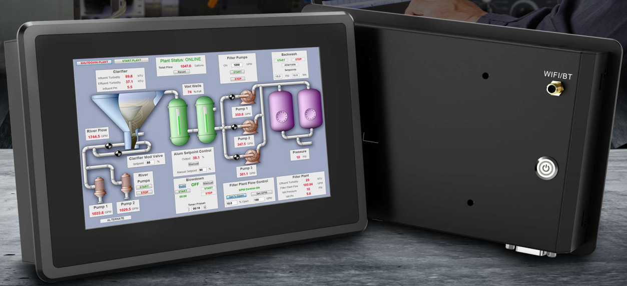
LILLIPUT®

7" TOUCH SCREEN
HIGH BRIGHTNESS PANEL PC

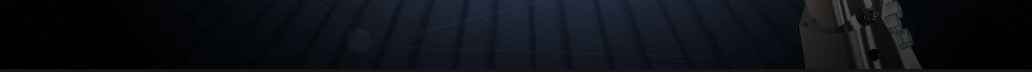
PC-703



- 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

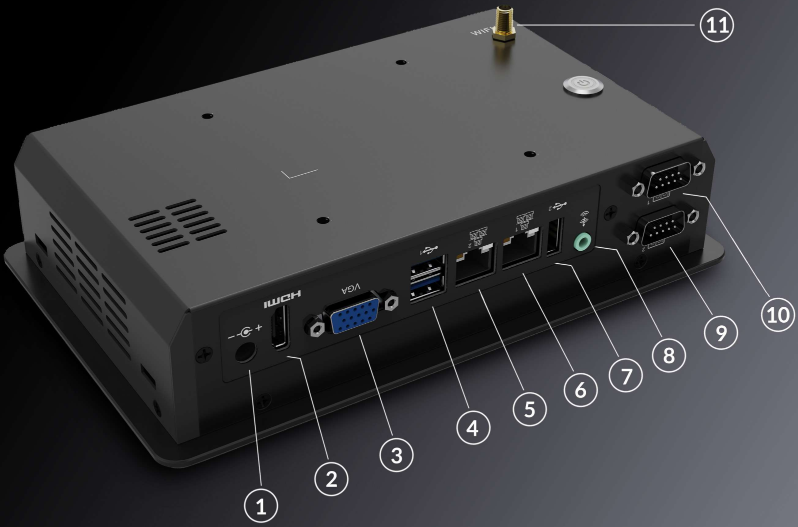
OS
Windows 10 / Linux, all for optional

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



WIFI
HDMI
VGA
①
②
③
④
⑤
⑥
⑦
⑧
⑨
⑩
⑪

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.

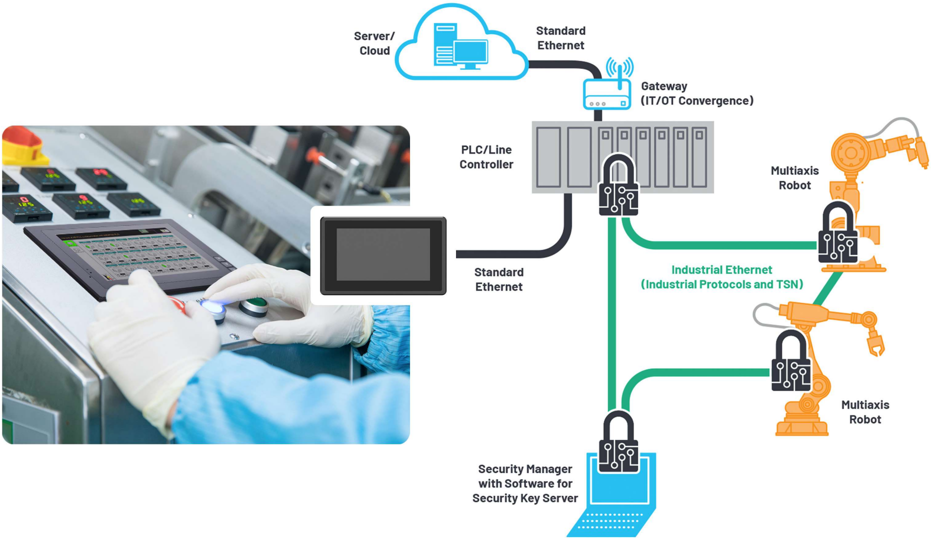
RJ45 Port
⑤⑥ LAN 1000M×2

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.

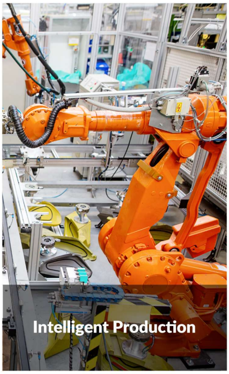
Industrial HMI

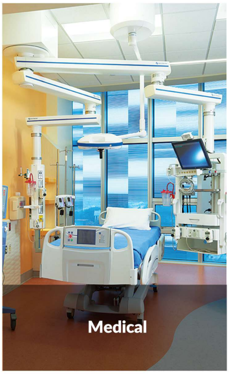

Server/
Cloud
Standard
Ethernet
Gateway
(IT/OT Convergence)
PLC/Line
Controller
Multiaxis
Robot
Standard
Ethernet
Industrial Ethernet
(Industrial Protocols and TSN)
Multiaxis
Robot
Security Manager
with Software for
Security Key Server

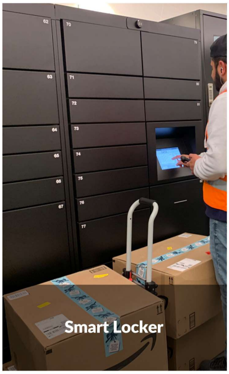
HMI Applications

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

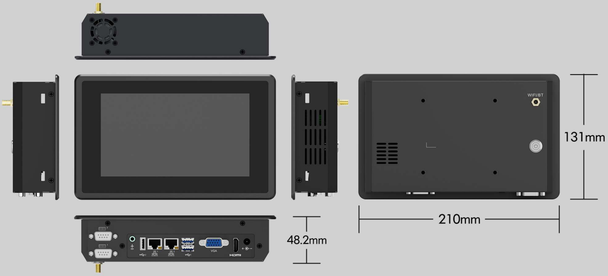

Intelligent Production

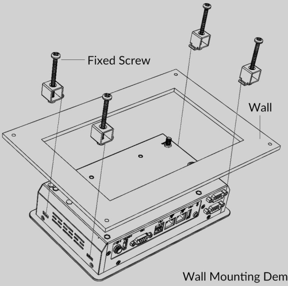

Medical


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)


WIFI/BT
131mm
210mm
48.2mm
VGA
HDMI


Fixed Screw
Wall

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
请扫描右侧二维码 下载
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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