

PC BASED SOLUTIONS FOR SPECIAL APPLICATIONS

Industry 4.0 and MES
Production Progress and Control
Logistics
Medical Applications
Embedded Solutions



Manufacturing



Warehouse



Warehouse
Mobility



Healthcare



On-site mobility



Logistics



Embedded & integrated
solutions

FEC

ITALIA



Complete and customizable hardware solutions for industrial automation, production management and control, and MES (Manufacturing Execution System). Superior reliability and PCs designed for intensive use, with a focus on extensive connectivity for various peripherals and custom-integrated solutions.

Our products combine advanced yet user-friendly technologies in a sleek design, with a particular focus on low power consumption for machines subjected to intensive workloads.

Our professional pre-sales and post-sales support completes our offering and allows us to always stand by our customers and partners.

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PC BASED SOLUTIONS FOR SPECIAL APPLICATIONS



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Industry 4.0 and MES Solutions
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Industry 4.0 and
MES Solutions

PANEL PC

Factory in Shiga LINE A Printer

Equipment Overview

FREEZE
29/11/2017 20:17:04
Error on clearing - Refer to the previous error

WARNING
29/11/2017 20:17:13
Light sensor got under 20% of lighting



FREEZE
29/11/2017 20:51:23
Front door is open

Cream Alloy Printer

Order No.	1005721080	Code No.	5938196-7
#Orders	20	%Progress	35
Working Hours	2:30	#Errors in 1 hour	3

Event Log

Day	Time	Code	Message 1	Message 2	AM
30/11/2017	4:15:17	[4118]	WARNING	Attempted manual operations when in production	VIEW
30/11/2017	3:42:13	[2507]	WARNING	Cleaner: No paper	VIEW
29/11/2017	22:57:23	[4118]	WARNING	Attempted manual operations when in production	VIEW
29/11/2017	20:53:23	[0020]	FREEZE	Front door is open	VIEW
29/11/2017	20:17:14	[729]	FREEZE	Error on clearing - Refer to the previous error	VIEW
29/11/2017	20:17:13	[2506]	WARNING	Light sensor got under 20% of lighting	VIEW
29/11/2017	20:14:55	[2507]	WARNING	Cleaner: No paper	VIEW
29/11/2017	6:29:39	[4118]	WARNING	Attempted manual operations when in production	VIEW
29/11/2017	3:29:34	[2506]	WARNING	Cleaner: No paper	VIEW
29/11/2017	3:27:06	[729]	FREEZE	Error on clearing - Refer to the previous error	VIEW

Related Graph



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KP-915XW

Display 15,6" / 21,5"
ANDROID PANEL PC



Aluminum chassis with ceramic coating, 15.6" or 21.5" Full HD display and Android 14 operating system.

Based on Mediatek® G700 processor and suitable for complex industrial environments with challenging environmental conditions.



Designed for industrial and food environments, the KP Series Panel PC with Android operating system offers a robust and completely sealed structure. The aluminum chassis with ceramic coating ensures excellent heat dissipation, ease of cleaning, resistance to oil, water, and corrosive agents.

Certified ASTM B117 (2000 hours in salt spray), it is ideal for critical environments. Wear resistance is certified ASTM D4060 (6000 cycles), with hardness 6H+ (ASTM D3363), ensuring long life even in extreme conditions.

The waterproof design includes a gasket along the panel, waterproof silicone buttons, filters in the air vents, and compatibility with work gloves. Available in 15.6" and 21.5" formats, with Full HD display, fanless design and PCAP touch for smooth interaction even in challenging environments.

ACCESSORIES



VESA BRACKET WITH POWER SUPPLY HOUSING



POE 60W POWER SUPPLY



RFID READER (NOT FULL IP)



POLES (VESA MOUNT)



GENERAL DESCRIPTION

- Mediatek® G700 processor
- High-speed NVMe SSD
- 15.6", 21.5" FHD 1920x1080
- Operating temperature up to 50°C
- Touch screen: PCAP multi-touch compatible even with work gloves
- KP-9155W: VESA 75
KP-9152W: VESA 100
- Android 14



KP-979XW

Display 15,6" / 21,5"
WINDOWS PANEL PC



Aluminum chassis with ceramic coating, 15.6" or 21.5" Full HD display and Windows or Linux operating system.

Based on Intel® N97 processor and suitable for complex industrial environments with challenging environmental conditions.



Designed for industrial and food environments, the KP Series Panel PC with low-power Intel® N97 processors offers a robust and completely sealed structure. The aluminum chassis with ceramic coating ensures excellent heat dissipation, ease of cleaning, resistance to oil, water, and corrosive agents.

Certified ASTM B117 (2000 hours in salt spray), it is ideal for critical environments. Wear resistance is certified ASTM D4060 (6000 cycles), with hardness 6H+ (ASTM D3363), ensuring long life even in extreme conditions, designed to operate up to 50°C.

The waterproof design includes a gasket along the panel, waterproof silicone buttons, filters in the air vents, and compatibility with work gloves. Full HD display and PCAP touch, available in 15.6" and 21.5" formats.

ACCESSORIES



VESA BRACKET WITH POWER SUPPLY HOUSING



POE 60W POWER SUPPLY



RFID READER (NOT FULL IP)



POLES (VESA MOUNT)



GENERAL DESCRIPTION

- Intel® Alder Lake-N SoC N97 3.6 GHz processor TDP 12W, 6MB Intel Smart Cache
- High-speed NVMe SSD
- 15.6", 21.5" FHD 1920x1080
- Operating temperature up to 50°C
- Touch screen: PCAP multi-touch compatible even with work gloves
- KP-9795W: VESA 75
KP-9792W: VESA 100
- Windows 10/11 IoT, Win. 11 PRO, Linux Ubuntu





PP-9745W

Display 15,6"
PERFORMANCE PANEL PC

High-performance Panel PC with 15.6" display and VESA mount.

Based on Intel® Core i5 processors, with rear-panel electronics that allow the PC to be used both on the robust and extremely stable base and for wall/arm installations, thanks to the standard VESA mount.



Screen angle is adjustable to ensure optimal visibility. A wide range of secondary monitors is offered with various installation options to suit specific needs. Extensive I/O section with optional integrated Wi-Fi connectivity and a wide choice of compatible recognition peripherals (MSR readers, RFID, scanners, etc.).

ACCESSORIES



ADD-ON READERS:
MSR, RFID, iBUTTON,
INTEGRATED SCANNER



SECONDARY DISPLAYS:
10.1", 15.6"



HANDHELD
SCANNER

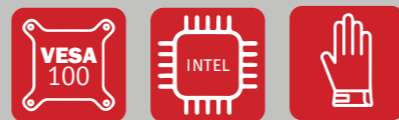


VESA BRACKET
WITH POWER
SUPPLY HOUSING



GENERAL DESCRIPTION

- Intel® Core i5 processor
- High-speed NVMe SSD
- Display 15.6" (16:9) 1920x1080
- IP65 on the front panel
- Rear-projected 10-touch capacitive touch screen
- VESA 100 mount ready
- Windows 10/11 IoT, Win. 11 PRO, Linux Ubuntu



PP-9735(W)

Display 15" / 15,6"
FANLESS PANEL PC

The PP-9735(W) is a fanless all-in-one PC that combines power, form factor, and extended lifecycle in an enterprise-class PANEL PC enterprise.

Based on an Intel® Celeron® J6412 processor and equipped with high-speed NVMe SSDs, it is the perfect PC for applications requiring high computing performance in the industrial world.



A fanless solution that uses a die-cast aluminum chassis for heat dissipation and is equipped with high-speed NVMe SSDs to enhance the solution's reliability and quiet operation.

The stable and robust single-hinge support allows for a wide range of display tilt to accommodate a variety of installation configurations. The capability to install add-on readers integrable on the panel side (MSR magnetic card readers, RFID readers, Dallas I-button key readers) and the option to install secondary displays allow a high level of solution customization. VESA 100 mount compatibility for wall or pole installations and extensive I/O connectivity.

ACCESSORIES



ADD-ON READERS:
MSR, RFID, iBUTTON,
INTEGRATED SCANNER



SECONDARY DISPLAYS:
10.1", 15.6"



HANDHELD
SCANNER



VESA BRACKET
WITH POWER
SUPPLY HOUSING



GENERAL DESCRIPTION

- FANLESS Celeron® J6412 Quad Core processor
- High-speed NVMe SSD
- Display 15" (4:3) 1024x768
15.6" (16:9) 1920x1080
- IP65 on the front panel
- Touch screen: capacitive rear-projected 10-touch
- VESA 100 mount ready
- Windows 10/11 IoT, Win. 11 PRO, Linux Ubuntu



CELERON®
J1900
1232,6*

CELERON®
J6412
4029,6*

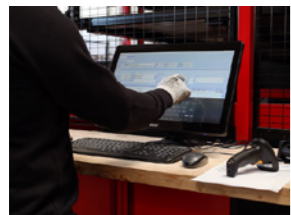
* Passmark Performance Test 10.2



PP-9732W

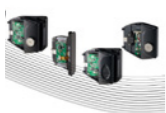
Display 21,5"
FANLESS PANEL PC

The PP-9732W is a Touch all-in-one Panel PC, based on Intel® Celeron® J6412 processor. Suitable even for the most hostile environments thanks to the robust die-cast aluminum chassis; it features a touchscreen 10-touch true-flat capacitive, suitable for use with work gloves.



The PP-9732W is a Touch all-in-one Panel PC with a 21.5" Full HD LCD panel. Designed to reduce energy consumption without compromising performance, ideal for intensive use, ensuring reliability and stability over time. Based on rear-panel electronics that allow the PC to be used both on a base (optional) and for wall/arm installations thanks to the standard VESA mount; it is equipped with an I/O section cover to prevent accidental access, and can optionally be equipped with numerous peripherals. The panel size also makes it ideal for surveillance, production process control, and data processing applications.

ACCESSORIES



ADD-ON READERS:
MSR, RFID, iBUTTON,
INTEGRATED SCANNER



HANDHELD
SCANNER



DESK
MOUNT



VESA BRACKET
WITH POWER
SUPPLY HOUSING



GENERAL DESCRIPTION

- FANLESS Celeron® J6412 Quad Core processor
- High-speed NVMe SSD
- Display 21.5" with full HD resolution 1920x1080
- IP65 on the front panel
- Rear-projected 10-touch capacitive touch screen
- VESA 100 mount ready (optional table bracket)
- Windows 10/11 IoT, Win. 11 PRO, Linux Ubuntu



PP-9742W

Display 21,5"
PERFORMANCE PANEL PC

The PP-9742W is a Touch all-in-one Panel PC. Based on Intel® Core i3/i5 processor, suitable even for the most hostile environments thanks to the robust die-cast aluminum chassis; it is equipped with touch 10-touch true flat capacitive screen, ideal for intensive use activities.



The PP-9742W is an all-in-one touchscreen Panel PC with a 21.5" Full HD LCD panel, suitable for use with work gloves. Designed to reduce energy consumption without compromising performance, ensuring reliability and stability over time. Based on rear-panel electronics that allow the PC to be used either on a stand (optional) or mounted on a wall/arm via a standard VESA mount; it features a cover for the I/O section to prevent accidental access, and can be optionally equipped with numerous peripherals. The panel size also makes it ideal for surveillance, production process control, and data processing applications.

ACCESSORIES



ADD-ON READERS:
MSR, RFID, iBUTTON,
INTEGRATED SCANNER



HANDHELD
SCANNER



DESK
MOUNT



VESA BRACKET
WITH POWER
SUPPLY HOUSING



GENERAL DESCRIPTION

- Intel® Core i3-12100/ i5-12400 processor
- High-speed NVMe SSD
- Display 21.5" with full HD resolution 1920x1080
- IP65 on the front panel
- Rear-projected 10-touch capacitive touch screen
- VESA 100 mount ready (optional table bracket)
- Windows 10/11 IoT, Win. 11 PRO, Linux Ubuntu



PANEL PC



MRI

Display 18.5"/21.5"
STAINLESS STEEL FULL IP 69K PC

The new MRI-185 and MRI-215 are fanless True-Flat touch Panel PCs designed to withstand the most demanding conditions, combining high performance, extreme robustness, and versatility, housed in a stainless steel chassis of 18.5" or 21.5". Ideal for the food, pharmaceutical, medical, and packaging industries, and environments subject to intensive washing or chemical agents.



The heart of the system is the Intel® Celeron J6412 Quad-core processor (2.0 GHz), combined with DDR4 RAM expandable up to 32GB and configurable M.2 SSD storage (up to 1TB). Passive fanless dissipation and stainless steel design ensure effective thermal management, allowing silent and reliable operation even across an extended thermal range (-20°C-70°C).

All I/O ports are protected by waterproof M12 connectors, including 2x GbE LAN, 2x USB 2.0, 1x COM and low-voltage power supply (12V-36VDC), ideal for industrial scenarios with network fluctuations. The compact design (45 mm thickness) and VESA 100/Yoke mount facilitate wall, mechanical arm, or direct machine-side installation.

The motherboard includes TPM 2.0 for data security and supports operating systems such as Windows 10/11 IoT, Windows 11 Pro, and Linux Ubuntu.

ACCESSORIES



HANDHELD SCANNER



DESK MOUNT



VESA BRACKET WITH POWER SUPPLY HOUSING



GENERAL DESCRIPTION

- Intel® Celeron J6412 Quad-Core processor
- High-speed NVMe SSD
- FHD Touch True-Flat display
18.5" (MRI-185, 1920x1080),
21.5" (MRI-215, 1920x1080)
- Rear-projected 10-touch capacitive touch screen
- VESA 100/Yoke mount ready
- Windows 10/11 IoT, Win. 11 PRO, Linux Ubuntu

Available by project



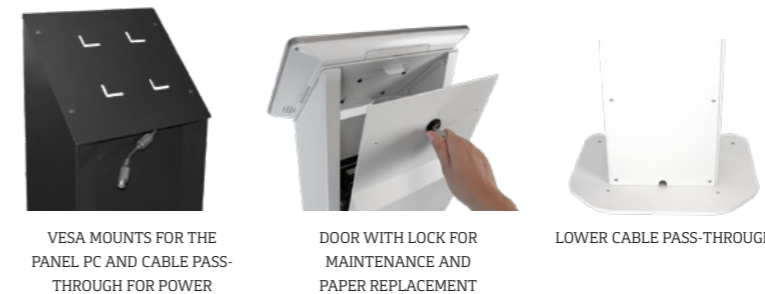
PANEL PC



TOTEM GEN.1

INDUSTRIAL TOTEM

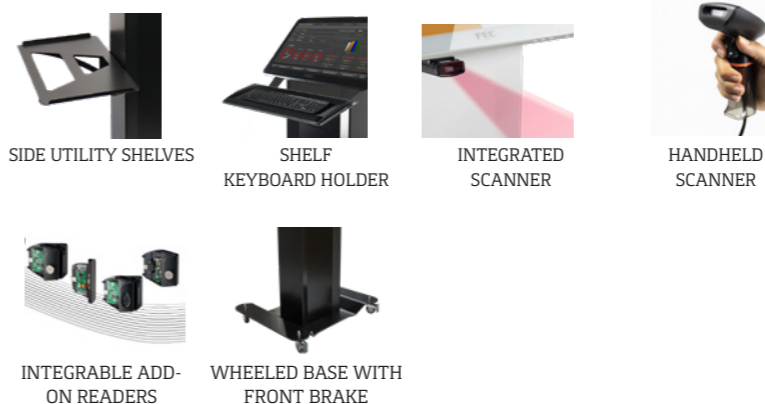
A robust support base, customizable with the PANEL PC from 15" to 21.5" best suited to specific needs. Modular solution with a wide range of purpose-built accessories (side utility shelves, keyboard and mouse shelf, PC-integrated readers, swivel scanner with stand, etc...)



VESA MOUNTS FOR THE PANEL PC AND CABLE PASS-THROUGH FOR POWER | DOOR WITH LOCK FOR MAINTENANCE AND PAPER REPLACEMENT | LOWER CABLE PASS-THROUGH

This TOTEM is as simple in design as it is practical and versatile in use. The idea behind TOTEM GEN.1 was to create a robust support base that could be "customized" to meet specific needs with purpose-built accessories (1D/2D scanner, printer shelf, and side utility shelves) and any of our PANEL PCs with standard VESA mount. The monitor size varies depending on the characteristics of the installed Panel PC (15", 15.6", or 21.5") and you can choose fanless or performance solutions based on application needs. TOTEM GEN.1 is suited to a wide variety of uses in industrial settings thanks to its versatility and durability: information points, production line control stations, etc.

ACCESSORIES



SIDE UTILITY SHELVES | SHELF KEYBOARD HOLDER | INTEGRATED SCANNER | HANDHELD SCANNER | INTEGRABLE ADD-ON READERS | WHEELED BASE WITH FRONT BRAKE

GENERAL DESCRIPTION

- Touch screen Panel PC from 15" to 21.5"
- Dimensions (structure only, excluding base): 490x390x1250 mm. Base: 490x390x10 mm. The overall height of the totem depends on the size of the Panel PC chosen for installation
- Available in black RAL 9005 and white. Other colors available by project with minimum order quantities
- Integrable ADD-ON readers: MSR magnetic card reader, RFID reader and i-button reader for Dallas keys, integrated scanner

COMPATIBLE PANEL PCS

- 15" (PP-9735)
- 15.6" (PP-9735W, PP-9745W)
- 21.5" (PP-9732, PP-9742W)



MACHINE-SIDE

INDUSTRIAL PANEL PC

A complete, modular and customizable line of PANEL MOUNT PCs for industrial automation

2 BOX PCs, 4 DISPLAY formats interchangeable and combinable with each other

- Industrial-grade fanless Panel PC with 50K backlight lifetime
- Intel Processors® Celeron or Core i5 12th generation
- Arm, wall, or panel mounting
- Capacitive multi-touch screen certified for use with work gloves
- Front panel with IP66 protection and surface hardness ≥ 7H
- 9~36 VDC power supply with overcurrent and overvoltage protection
- TPM 2.0 hardware ensuring compatibility with Windows® 11

-20°C~70°C
OPERATING
TEMPERATURE



FEC
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The Touch Panel PC series designed to bring together in a single product all the essential features for applications in the industrial world.

Central unit based on Intel® Celeron J6412 or Core i processors and a 12.1" to 24" True-Flat display with capacitive touch screen also suitable for use with gloves, housed in an aluminum alloy chassis with IP66 front panel protection.

FEC IPC is the perfect Panel PC series for applications in industrial environments, from production progress to the needs of machine builders.



SOLIDITY, POWER, AND SAFETY

Robust chassis in **aluminum alloy** and **high performance** in any usage situation, in terms of processing speed and graphics functionality, while maintaining low power consumption and silent operation. The rear lamellar section enables excellent heat dissipation that ensures full operability at operating temperatures from -20°C to 70°C in **fanless mode**.

RAM memory and storage **with no moving parts** complete the product's configuration.



IP66 AND MOUNTING OPTIONS

The system provides IP66 front panel protection, touch screen certified for use with work gloves, resistance to vibrations, humidity, and dust; it is designed to operate 24/7 in a 9-36 VDC voltage range. These features make it **ideal for applications in challenging environments typical of modern Industry 4.0**.

All PCs in the series offer both a mounting system with **VESA standard** allowing installation on arms or walls, and the option of **panel mount**. Their lightweight design makes them easy to install in specific locations such as machine or plant edges.



CONNECTIVITY

- 2 serial ports: 2x RS232/422/485 with 8 kV ESD protection
- 3 GbE LAN ports
- 4 USB ports
- WiFi/Bluetooth optional
- 1 HDMI port



12,1"

- 12,1" | IPC-J012WAC
- Intel® Celeron Quad Core J6412 2.60GHz

15,6"

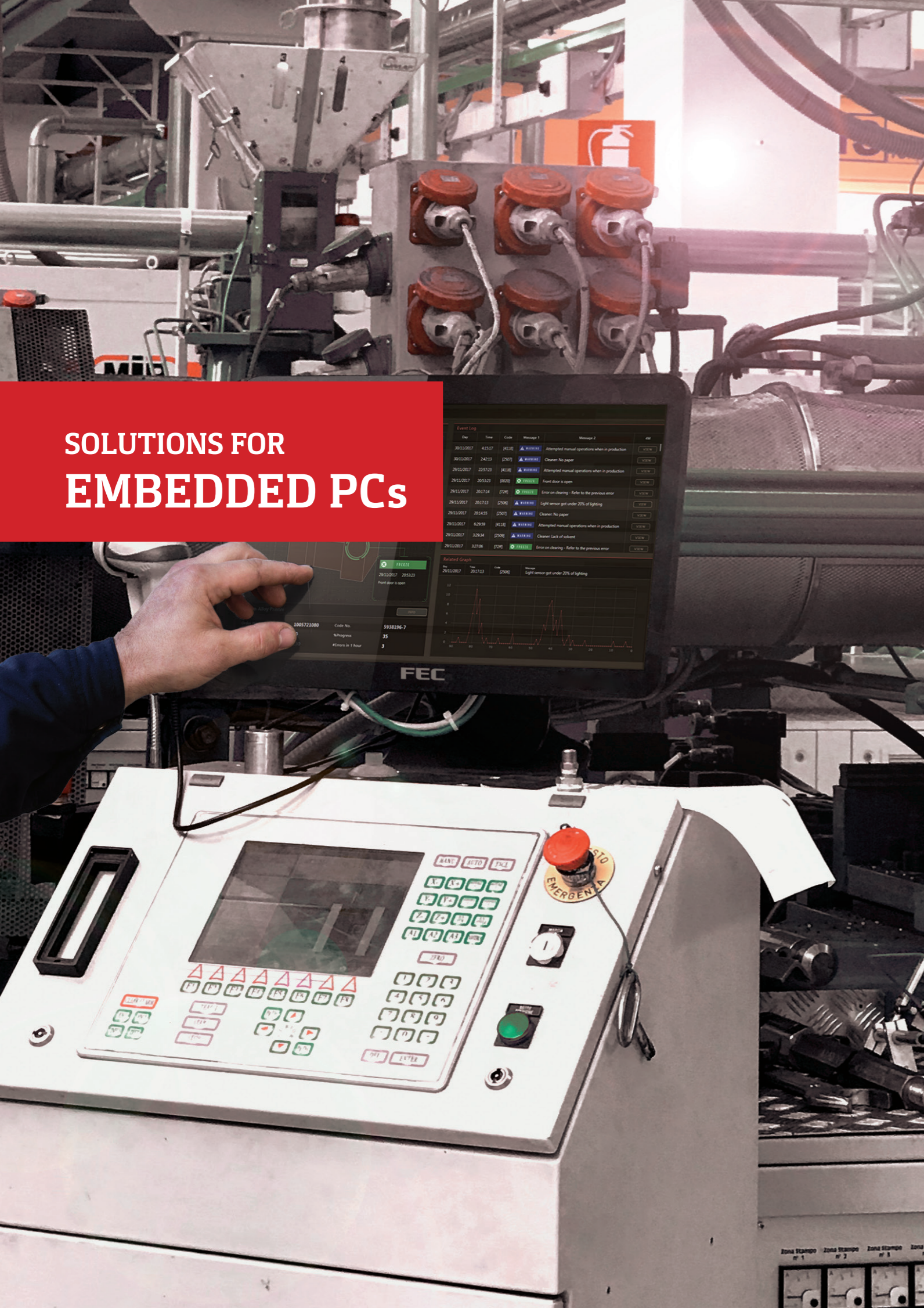
- 15,6" | IPC-J516WAC / IPC-5156WAC
- Intel® Celeron Quad Core J6412 2.60GHz
 - Intel® Core i5 1235U Quad-core up to 4.40 GHz

21,5"

- 21,5" | IPC-J215WAC / IPC-5215WAC
- Intel® Celeron Quad Core J6412 2.60GHz
 - Intel® Core i5 1235U Quad-core up to 4.40 GHz

24"

- 24" | IPC-5024WAC
- Intel® Core i5 1235U Quad-core up to 4.40 GHz



SOLUTIONS FOR EMBEDDED PCs

BOX PC

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GDT-9045E

PERFORMANCE BOX PC

BOX PC with extensive connectivity in a truly compact size.

Perfect for Digital Signage applications, as digital engines integrated into information points and for security systems and firewalls.



The MICRO BOX PC GDT-9045E has a compact and practical form factor for a multitude of uses: its dimensions of just 192x196x66 mm make it perfect for various vertical markets, from information stands to digital signage applications, security systems, or production line applications. It is available in "desktop" format with convenient rubber feet, or optionally with versatile brackets for various mounting types: wall, under-desk, or behind large-format monitors.

ACCESSORIES



HANDHELD SCANNER



TOUCH SCREEN MONITOR



WALL MOUNT BRACKET (OPTIONAL)



GENERAL DESCRIPTION

- Intel® Celeron G6900, Core i3/i5/i7 processors
- High-speed NVMe SSD
- Extremely compact dimensions
- Serial ports and dual LAN availability
- Solutions with integrated Wi-Fi and Bluetooth
- Windows 10/11 IoT, Win. 11 PRO, Linux Ubuntu





GDT-7100N

FANLESS BOX PC

The GDT-7100N is a fanless INDUSTRIAL mini BOX PC, compact and with Intel® N100 processor, 4K graphics, and low power consumption, designed to be silent and reliable for special applications.



Il mini BOX PC INDUSTRIALE GDT-7100N è un PC fanless compatto, ideale per applicazioni speciali che richiedono silenziosità, affidabilità e bassi consumi. Dotato di processore Intel® N100/150 con grafica 4K UHD 600 e scheda audio integrata a 6 canali, offre elevate prestazioni simili a quelle di un Core i3. La sua costruzione in alluminio estruso e l'assenza di parti in movimento garantiscono stabilità e durata nel tempo, con un consumo energetico molto ridotto di soli 6W TDP.

Its compact dimensions (127.5x145x34mm) and low weight (~960g) make it versatile for multiple industrial and digital signage applications. It features numerous I/O ports, including USB, HDMI, DP, Ethernet, and RS232/485 serial ports, and supports integrated WiFi and Bluetooth. It is configurable with DDR4 RAM up to 16GB and NVMe SSDs from 256GB to 1TB, making it suitable also for AI applications thanks to the processor's neural computing capabilities.

ACCESSORIES



TOUCHSCREEN MONITORS UP TO 32"



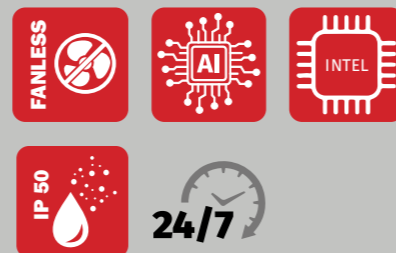
SCANNER SWIVEL



MOUNTING BRACKET

GENERAL DESCRIPTION

- AI-Ready Intel® N100/150 processor
- High-speed NVMe SSD
- Compact dimensions and die-cast aluminum chassis
- Large number of I/O ports
- External power supply
- Windows 10/11 IoT, Win. 11 PRO, Linux Ubuntu



GDT-9510N

FANLESS & PERFORMANCE BOX PC

Fanless BOX PC designed to deliver desktop performance in an ultra-compact form factor, it is the ideal solution for those seeking 24/7 reliability in embedded, industrial automation, logistics, and digital signage applications, combining computing power, extensive connectivity, and total reliability.



The GDT-9510N delivers high performance in a compact and robust mini-case. Based on 12th generation Intel® Core™ i5 or i7 processors, it integrates Intel® Iris® Xe Graphics. Equipped with next-generation solid-state drives (SSD) ensuring very high reliability, with a very attractive price-performance ratio. Optionally, two SSDs can also be installed in RAID1 mode.

The GDT-9510N Micro PC has a compact (123x123x45mm) and practical form factor for a multitude of uses. It features a fanless design with no moving parts, IP50 certified for minimal particle intrusion levels.

ACCESSORIES



TOUCHSCREEN MONITORS UP TO 32"



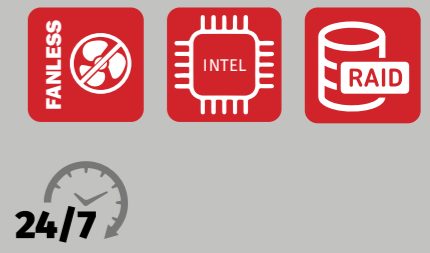
SCANNER SWIVEL



MOUNTING BRACKET

GENERAL DESCRIPTION

- Intel® Core i5/i7 processor
- High-speed NVMe SSD
- DDR4 RAM up to 64GB
- Extensive I/O port availability
- 2x LAN 2.5GbE
- Supports PXE, Wake-on-LAN
- Extended operating temperature -15°C~60°C
- Windows 10/11 IoT, Win. 11 PRO, Linux Ubuntu
- Terminal-block power supply



TOUCH MONITOR

TOUCH SCREEN MONITOR



TOUCH SCREEN MONITOR enterprise-grade

FEC ITALIA LCD touch screen monitors feature a structure made entirely of die-cast aluminum, giving the monitor extreme robustness against external agents and unique resistance during use (IP65 front panel protection against dust and water jets). They are ideal as front ends for various BOX PCs. The VESA mount on the back also allows wall mounting.

GENERAL DESCRIPTION

- Display 15" (1924x768), 15.6" (1920x1080), 21.5" (1920x1080), 32" (1920x1080)
- VESA mount ready 100x100 (XM-3015, XM-3015W), 200x200 (LD-9022W, LD-9032W)
- Rear-projected capacitive touch screen usable with work gloves
- Robust and stable table stands (excluding model LD-9032W)

XM-3015



15" touch screen monitor, 300-nit LCD 1924x768, VESA mount, Single-hinge table stand included.

XM-3015W



15.6" touch screen monitor, 300-nit LCD 1920x1080, VESA mount, Single-hinge table stand included.

LD SERIES



LD-9022W

21.5" TFT touch screen monitor, 250-nit LCD 1920x1080, VESA mount. Optional table stand.

HD32

32" TFT touch screen monitor, 400-nit LCD 1920x1080 30k-Hr, VESA mount. Optional panel mount kit.





**SOLUTIONS FOR
LOGISTICS**



MOBILE COMPUTER
enterprise-grade

RANGER 2

RANGER 2 is a robust and versatile mobile computer designed to ensure continuous operation in demanding environments.

Android 13, upgradable to Android 15, 5.45" HD display and octa-core processor with 3GB of RAM and advanced connectivity, IP67 certification, resistant to dust, water, and drops up to 1.5 meters.

5000 mAh battery guaranteeing over 12 hours of battery life.

OPTIONAL ACCESSORIES



CHARGING BASE SPARE BATTERY



OPTIONAL WARRANTIES



RANGER 2K

The RANGER 2K Mobile Computer is designed for professional applications in logistics and advanced warehouses.

Based on Android 13 operating system, upgradable to Android 15, designed and optimized for professional applications, it features a powerful integrated 1D/2D scanner and a numeric keypad.

OPTIONAL ACCESSORIES



CHARGING BASE SPARE BATTERY



OPTIONAL WARRANTIES



GENERAL DESCRIPTION



- MTK 8-core processor and Android 13 Enterprise OS, upgradable to Android 15
- 5.45" 1440x720 capacitive Multi-Touch usable with work gloves
- WiFi, Bluetooth, 4G/3G/2G, GPS, A-GPS, Beidou, Galileo, Glonass, QZSS
- Removable hot-swap 3.85V/5000mAh 19.25Whr lithium battery
- Integrated 1D/2D Barcode Reader



- MTK 8-core processor and Android 13 Enterprise OS, upgradable to Android 15
- 4" 800x480 capacitive Multi-Touch usable with work gloves
- WiFi, Bluetooth, 4G/3G/2G, GPS, A-GPS, Beidou, Galileo, Glonass, QZSS
- Removable hot-swap 3.85V/5100mAh 19.63Whr lithium battery
- Integrated 1D/2D Barcode Reader



TABLET
enterprise-grade

AT-2055

The new AT-2055, with a 10.1" screen and weight of 1.15Kg, is a Fully Rugged Windows tablet designed for intensive applications in challenging environments.

Powerful and super durable, for full operability in any application, it withstands drops up to 1.2 m. Thanks to its optional accessories it can be used on the go, as a desktop workstation, or mounted on a pole with VESA mount.



OPTIONAL ACCESSORIES



HAND AND WRIST STRAP (INCLUDED)



DOCKING STATION



OPTIONAL 1D/2D SCANNER

AT-2060

Combining IP65 protection rating, resistance up to 1.22m to drops, water, dust, and vibrations with the power of an Intel Celeron N5105 processor and Windows 10/11 IoT, this professional tablet is ideal for logistics, industry, and production.

Equipped with a bright 12.2" IPS display, 6300 mAh hot-swap battery and customization options (2D scanner, RJ45, USB 2.0, GPS/GLONASS), it offers advanced connectivity with USB-C, HDMI, SIM ports and dedicated accessories for maximum mobile



HAND AND WRIST STRAP (INCLUDED)



SHOULDER STRAP



DOCKING STATION



VEHICLE MOUNT

GENERAL DESCRIPTION



- Intel® N4120 processor
- RAM LPDDR4 8GB
- Extensive I/O port availability
- IP67 protection rating, MIL-STD-810G certified
- Rugged chassis
- Display 10.1" (16:10), 1960x1920 IPS
- WiFi, Bluetooth
- Lithium battery 7.6V/8000mAh 60.8Whr
- Available optional modules: 1D/2D barcode reader, 4G, NFC
- Windows 10/11 IoT, Win. 11 PRO, Linux Ubuntu



- Intel® N5105 processor
- RAM up to 16GB
- IP65 on the front panel, drop resistance up to 1.22m, MIL-STD-810G certified
- Rugged chassis
- Display 12.2" (16:9), 1920x1080 IPS
- WiFi, Bluetooth, 4G
- Battery 7.4V/6300mAh 46.62Whr + Hot-Swap 7.4V/700mAh 5.18Whr
- Windows 10/11 IoT, Win. 11 PRO, Linux Ubuntu
- Available optional modules: 1D/2D barcode reader, NFC, LAN RJ45, DB9 RS232 serial port, USB 2.0

ACCESSORIES



ACCESSORIES



INTEGRABLE ADD-ON READERS / BRACKETS / SCANNER

RFID READER

Peripheral integrable on the side of PP series POS-PCs, this RFID reader is ideal for all situations where recognition is required. Extremely useful both for identification and for managing loyalty cards. Built with electronics in serial emulation (virtual COM) or HID keyboard emulation.



MSR READER

Peripheral integrable in PP systems, the MSR reader supports ISO7810, 7811, AAMVA magnetic cards. MSR readers are among the most widely used recognition peripherals in industrial environments and production departments.



VESA BRACKET WALL-MOUNT

Bracket specifically designed for wall applications, suitable for any type of VESA mount with the option to incorporate a compartment to house the external power supply. Facilitates all mounting operations and avoids the need to bundle power supply cables, especially in production progress applications.



DESK MOUNT

Solid and robust table stand, ideal for installing the Panel PC in industrial environments. Allows adjustment of the PC screen tilt, improving ergonomics and visibility based on operator position. Designed to offer maximum stability and a comfortable, professional user experience.



INTEGRATED SCANNER

Integrated 1D/2D scanner on PP series models, can be positioned either on the side or at the bottom of POS-PCs for a completely integrated solution. Ideal both for operator recognition and for managing barcodes of various types and loyalty cards.



HANDHELD SCANNER

Equipped with a high-performance imaging chip, this swivel scanner is able to accurately scan 1D and 2D barcodes even while moving, also thanks to its high vibration tolerance. The fast and accurate decoding algorithm allows for easy and efficient scanning even in the presence of damaged or deteriorated barcodes. Optional scanner stand.



FEC REMOTE MANAGEMENT PLATFORM

FEC PLATFORM

REMOTE MANAGEMENT PLATFORM




We have developed a service platform to make the professional user experience of FEC Italia Panel PCs even more complete.

FEC Remote Management Platform is:

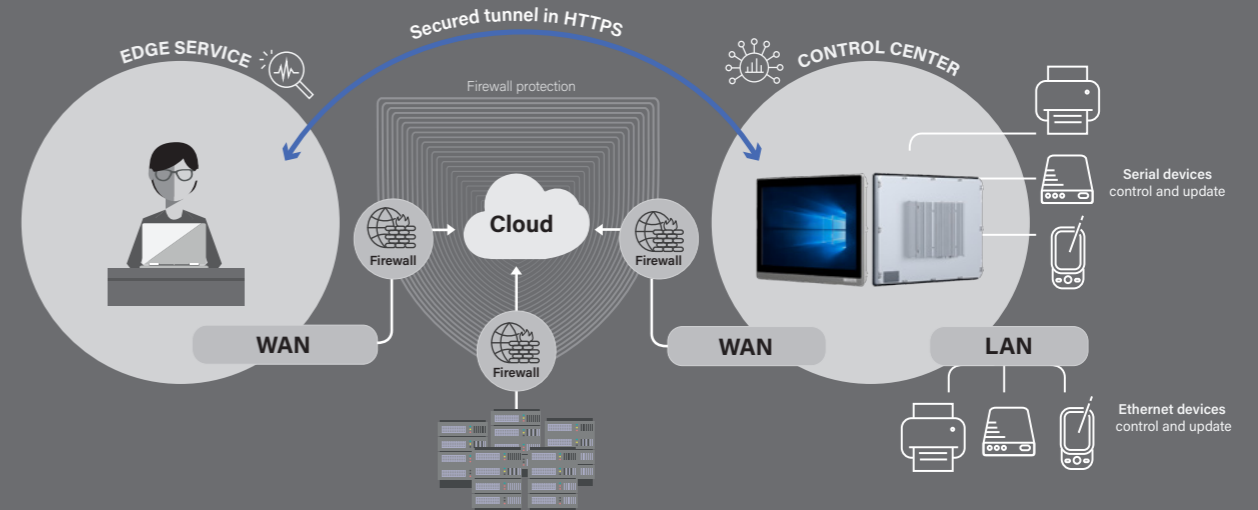
- ▶ secure thanks to the platform's cybersecurity protocols
- ▶ compatible with Windows 10 or later / Android operating systems® 7 and later
- ▶ easily integrable with other monitoring platforms and management systems.



FEC PLATFORM INCLUDES:

 <p>NOW Edge</p> <p>A runtime client installed by default on Panel PCs that collects all information on system operation of the system: serial number, model, installed software, BIOS, installed hardware.</p>	 <p>NUBIS Control center</p> <p>A cloud-based application that allows remote control of many key activities.</p>	 <p>NUBIS Storage</p> <p>A cloud space to share documents and updates between different PCs in the same facility or in different facilities.</p>
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A SECURE CONNECTION FOR REMOTE ASSISTANCE



Edge and Control Center connect through a tunneled connection HTTPS encrypted to ensure maximum security of your IT infrastructure. Through the control center it is possible to perform:

- remote assistance for:
 - monitor anomalies and malfunctions
 - understand what happened
 - resolve the fault remotely
- setting and management of Alerts for:
 - PC temperature too high
 - full disk
 - CPU and RAM load
 - app crash detection
- scheduling of programmed actions: for example system updates, at predefined times, without interrupting the regular operation of the machine during working hours.

WARRANTIES FEC SWAP24

A RISK-FREE BUYING AND USAGE EXPERIENCE

Repairing your all-in-one PANEL PC or most of our BOX PCs will no longer be a problem with the new FEC SWAP24 support service that allows you to receive in advance a new system equivalent to the one purchased, guaranteeing maximum operational continuity.

The FEC SWAP24 service, included in the purchase price for the first 12 months, entitles the holder to a swap (advance replacement) of the faulty system with a refurbished one, i.e., one subjected to a processing and control procedure to restore it to a functional state equal to new, including verification and any cosmetic repairs, except for the drive which will be replaced with the one from the faulty machine to ensure absolute continuity of work without the need for lengthy software installation processes. The FEC SWAP24 warranty is extendable up to 3 or 5 years as further proof of the reliability of FEC Italia systems.



FEC Italia KASKO

FOR BUSINESS MOBILITY SOLUTIONS

We have chosen to provide all-inclusive protection against accidental damage for our professional Mobile Computers. This allows us to offer our customers uninterrupted operations and a high-profile professional service. FEC ITALIA KASKO is included in the price of our handheld computers and tablets. Our Mobile Computers are also covered by the "FEC Swap 24" support service for maximum operational continuity.

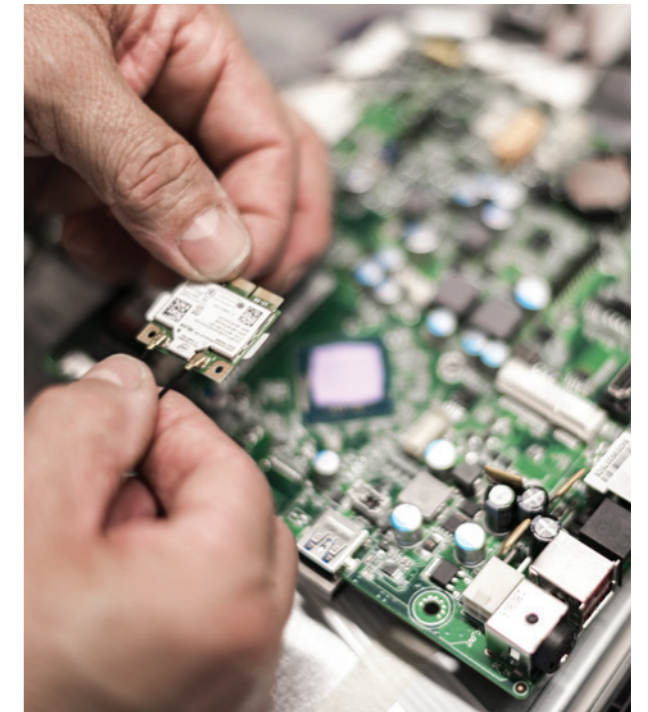
LONG-LASTING PROTECTION

FEC warranties, included or optional, provide 12-month coverage, but are extendable up to a maximum of 3 years.



THE ADVANTAGES OF OUR OFFER

- **PRE-SALES SUPPORT**
Dedicated consulting for our customers by true industry specialists.
- **PRODUCTS**
Technologically advanced solutions of unquestionable build quality.
- **AFTER-SALES SUPPORT**
Innovative warranty solutions and high-profile systems staff for solving all post-sales issues.
- **ONLINE TICKETING PORTAL**
Connected and direct customer service to provide always active and effective support.



CUSTOMER CARE

A CUSTOMER-ORIENTED COMPANY

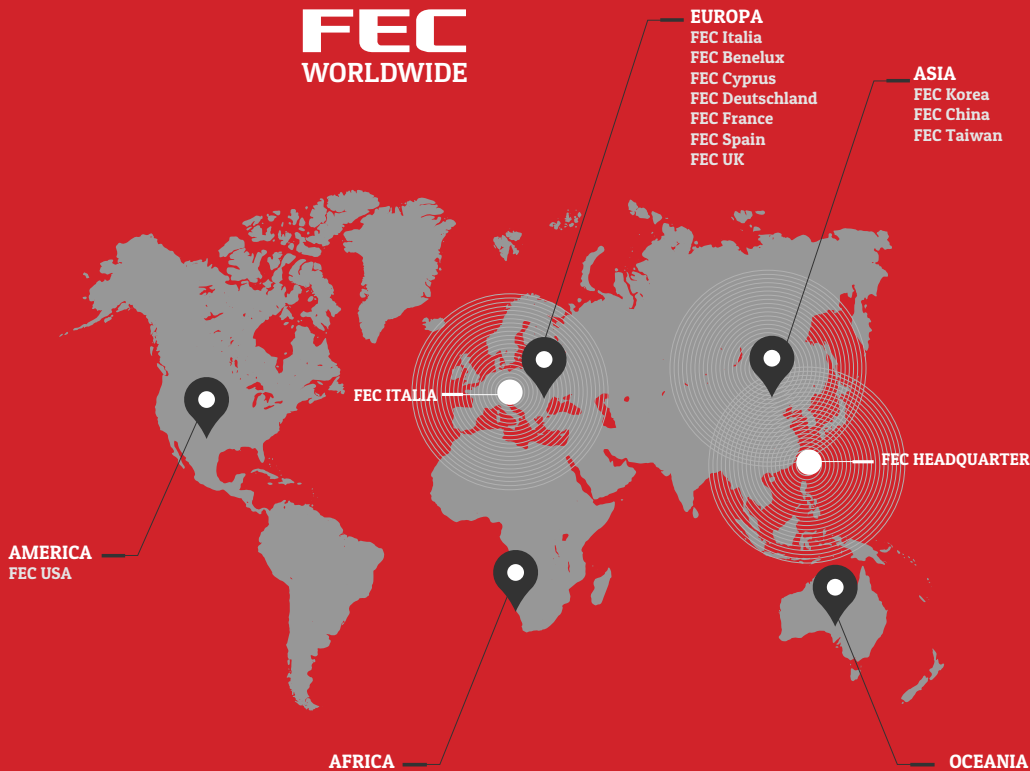
Alongside its extensive product range, FEC Italia provides a professional and flexible technical-commercial structure and a fast, professional customer service. The company specializes in the professional sector and has a strongly customer-oriented structure focused on its needs.

AN IN-HOUSE TEAM OF SPECIALIZED TECHNICIANS

FEC Italia CUSTOMER CARE consists of a TEAM of specialized technicians, reachable by phone, e-mail, or web for assistance and support requests and for requesting repair services. The FEC Italia structure is optimized to maximize technical support resources with the goal of providing customers with fast responses and accurate repairs in the shortest time possible. We offer on-SWAP and on-center customer services; with the new FEC Italia IT infrastructure, all support ticket management can be monitored in real time directly by customers on our website www.fecpos.it.



FEC
WORLDWIDE



4
CONTINENTI

11
FILIALI

93
PAESI NEL MONDO

3
STABILIMENTI
PRODUTTIVI

FEC Italia is part of the international FEC group (Firich Enterprises Corp), one of the world's leading manufacturers of Panel PCs dedicated to automation applications *from Retail to Industry 4.0*.

MARKETS

Present on the Italian market for many years, FEC Italia specialists offer a line of specialized products for retail automation, catering, pharmacy automation and for applications in MES, production progress, logistics, and many other vertical markets.

OUR ADVANTAGES

Pre-sales support and dedicated consulting for our customers by true industry specialists, technologically advanced solutions of unquestionable build quality, **after-sales support** with professional-grade warranties and high-profile systems staff for all post-sales issue resolution.

FEC
ITALIA

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