



INTERCOMP

BEYOND **35** YEARS

Industrial and **logistics**
solutions





INTERCOMP

BEYOND **35** YEARS

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*"When the wind of change blows, some build shelters,
some others build windmills."*



Intercomp S.p.A.

35 years of hardware design and production

35 years of challenges and successes

35 years of energy and passion

Since **1983** we have created custom-made hardware solutions, both standard and customized.

We started producing electronic boards and computers. Today, as at that time, **we shape our customers' ideas.**

5 DIVISIONS

INDUSTRIAL AUTOMATION

TECHNOLOGIES FOR HEALTHCARE
DIGITAL SIGNAGE
DIGITAL OFFICE
SMART PARKING

CORPORATE

Total area
Production capacity
R&D laboratory
Production line
Total employees

9,000 square meters
70,000 systems/year
15 designers
30 specialized operators
70 people

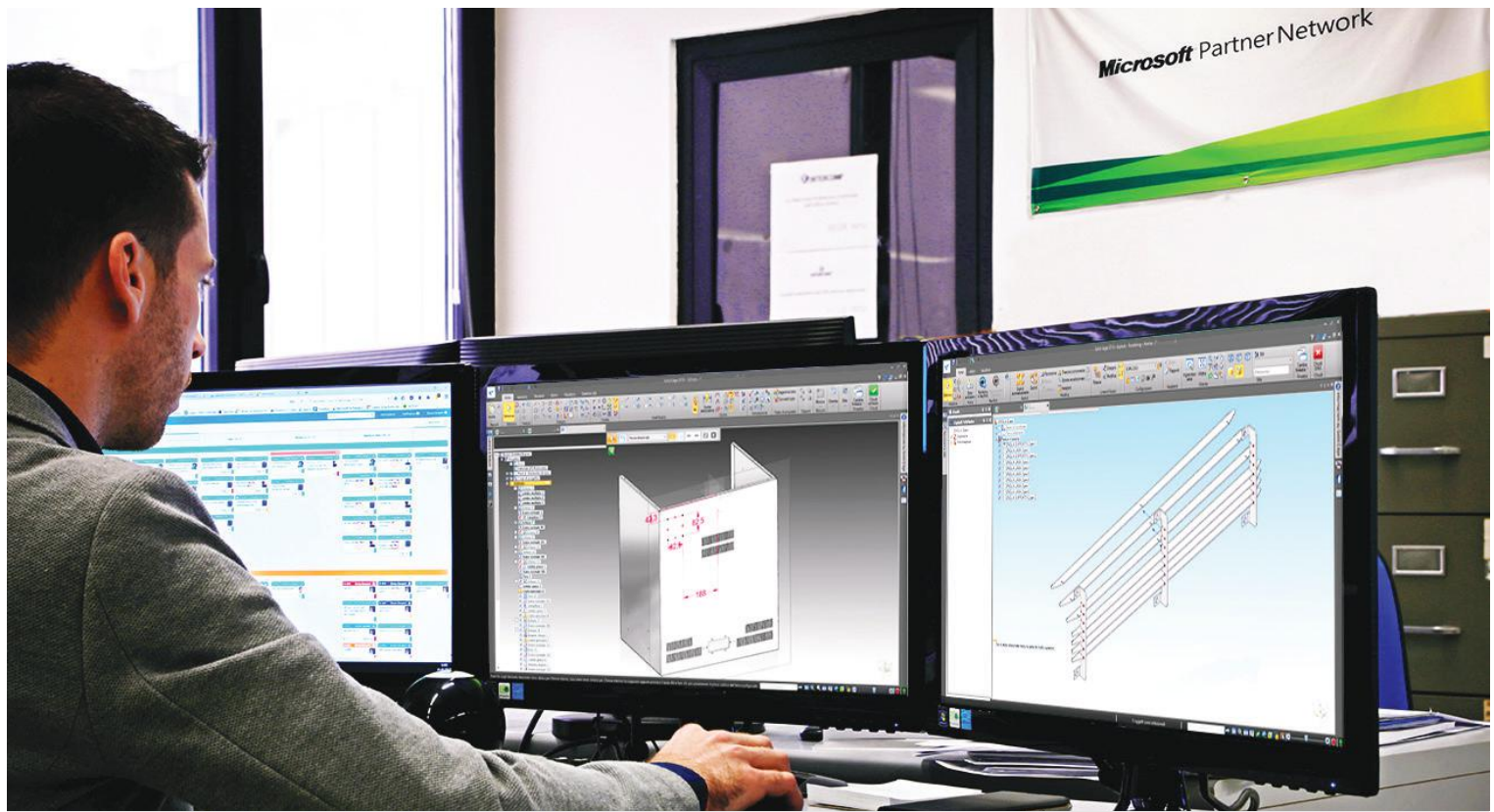




Industrial automation

The technological vision we offer, both through standard products and customized ones, projects the customer towards a new productive approach.

- ▶ **Intercomp** was born as an innovative technological reality with the aim of **responding to structured needs** of the Italian manufacturing context through the **design** and the **production** of industrial peripherals and microprocessor boards.
- ▶ Beyond 35 years, from the very beginning, our company has dealt with **electronic** planning and **mechanical** production, acquiring over time an **important know-how**, continuously enhanced by partnerships with major international producers.
- ▶ **Since the beginning of the 80s** we have developed highly innovative solutions, like the first Digital I/O and GPIB cards or several customized industrial motherboards.
- ▶ **The industrial world has profoundly changed:** today the hardware production must absolutely be based on **flexibility**.
- ▶ It is thanks to this approach that we are **tackling the “4.0 critical issues”**, guaranteeing a solid relationship toward our own customers based on trust, which includes **continuous support**, quick technological updates and a **constant** components availability for several years.



Hardware planning

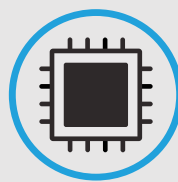
Intercomp can count on a **highly qualified planning department**, composed of **different areas** with **specialized employees** in **mechanical** engineering, **electronic** design and **software** development.

The company boasts a **high technological know-how**, acquired over many years of activity, combined with a great **passion for technology** and the ability to **transform ideas into** highly innovative and reliable **solutions**.



Mechanical planning

Combining creativity, technique and customer's need, the process considers all hardware's features dealing with the achievement of the **maximum synergy between the product and its user**.



Electronic planning

It represents the **foundation** on which the functions of the devices are based. For this reason, it needs **continuous updates, constant scientific researches** and a **great collaboration** with the software development area.



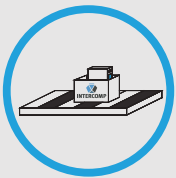
Software development

Working in total synergy with all research and development areas, allows each electronic device **to have life, communicating** in an effective way **both with other machines and the users**.



8-step production

Intercomp can count on a **highly qualified production department**, consisting of **2,100 square meters** of production lines capable of producing up to **70,000** systems a year.



①

Incoming inspection and in&out traceability

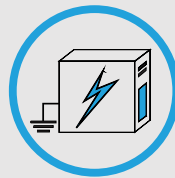
Verification of the **quality** of all incoming **materials** and assignment of identification **numbers** for **traceability**



②

Production

The **specialized operators** assemble the components on antistatic platforms with automatic advancement



③

Security tests

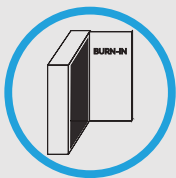
Isolation between cabinet and electricity grid and **continuity** between cabinet and ground contact



④

Burn-in entry

Continuous stress test for 48 hours with thermal variations, switching on and off



⑤

Burn-in exit

Only devices that **pass the tests** continue to the next stage



⑥

Final test

Compliance according to the technical supply and **testing** specifications



⑦

Packaging

Labelling, **insertion** of manuals, licenses for use, accessories and **final inspection**



⑧

Logistics

Customized **order management** service even with different deadlines



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Panel PC iCOMAC 8200 with buttons

UL, CSA and certified **Panel PC iCOMAC 8200 with button panel** is an excellent industrial solution with tempered glass, **customizable button panel**, VESA or panel mounting.



- ▶ **Display**
18.5" LCD with LED technology, available in HD or Full HD
- ▶ **Touchscreen**
Latest generation **multi-touch capacitive**, usable with gloves
- ▶ **Supported processors**
Intel®: J1900, i3, i5, i7
- ▶ **Degree of protection**
IP65 on the front side
- ▶ **I/O connections**
Wide availability in the standard configuration, can be **integrated** according to needs
- ▶ **Cooling system**
Fanless, ideal for industrial environments
- ▶ **Button panel**
Fully **customizable** according to needs



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Panel PC iCOMAC 8200 capacitive

UL, CSA and EAC certified **Panel PC iCOMAC 8200** is an **agile** and **reliable** solution for all industrial environments with **tempered glass** and VESA or panel mounting.



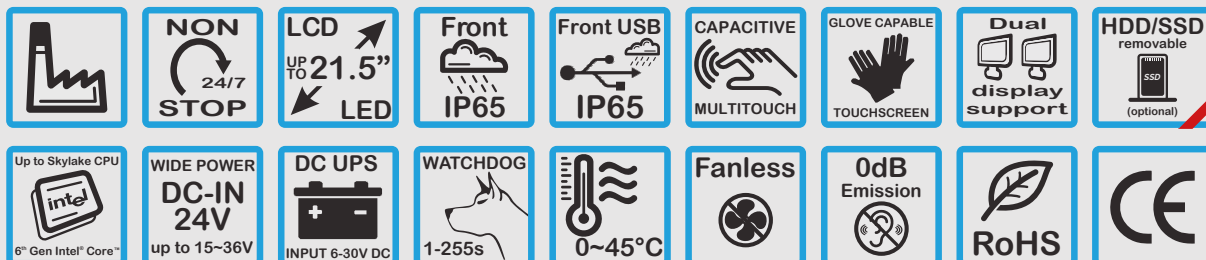
- **Display**
18.5" LCD with LED technology, available in HD or Full HD
- **Touchscreen**
Latest generation **multi-touch capacitive**, usable with gloves
- **Supported processors**
Intel®: J1900, i3, i5, i7
- **Degree of protection**
IP65 on the front side
- **I/O connections**
Wide availability in the standard configuration, can be **integrated** according to needs
- **Cooling system**
Fanless, ideal for industrial environments
- **Positioning**
Panel or **VESA** mounting with handles support



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Panel PC iCOMAC 7200 capacitive

The **iCOMAC 7200 True Flat capacitive Panel PC** is an industrial computer that combines **power** and **design**. The flat screen is made of **tempered glass** and is extremely **durable**.



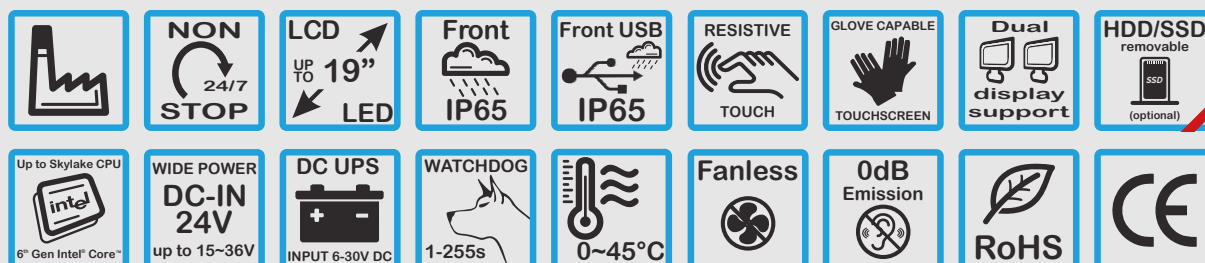
- ▶ **Display**
LCD with LED technology in three versions: **15.6"**, **18.5"** and **21.5"**
- ▶ **Touchscreen**
Latest generation **multi-touch capacitive**, usable with gloves
- ▶ **Supported processors**
Intel®: **J1900**, **i3**, **i5**, **i7**
- ▶ **Degree of protection**
IP65 on the front side
- ▶ **Positioning**
Easy installation to operator panel | Possibility of mounting on **VESA supports**
- ▶ **Cooling system**
Fanless, ideal for industrial environments
- ▶ **Continuity of use**
Guaranteed for **continuous use** at high levels of operation



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Panel PC iCOMAC 6100 resistive

The **iCOMAC 6100 resistive Panel PC** is an industrial computer that can be used in **multiple contexts**. It is available with **anodised aluminium** or with **AISI 304** or **316 stainless steel** frame.



- ▶ **Display**
LCD with LED technology in three versions: **15"**, **17"** and **19"**
- ▶ **Touchscreen**
Resistive, usable with gloves
- ▶ **Supported processors**
Intel®: **J1900**, **i3**, **i5**, **i7**
- ▶ **Degree of protection**
IP65 on the front side
- ▶ **Positioning**
Easy installation to operator panel | Possibility of mounting on **VESA** supports
- ▶ **Cooling system**
Fanless, ideal for industrial environments
- ▶ **Continuity of use**
Guaranteed for **continuous use** at high levels of operation



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Panel PC iCOMAC 5100 resistive

The **iCOMAC 5100 resistive Panel PC** is an industrial computer with **compact** size, but at the same time it is able to guarantee **high performance**.



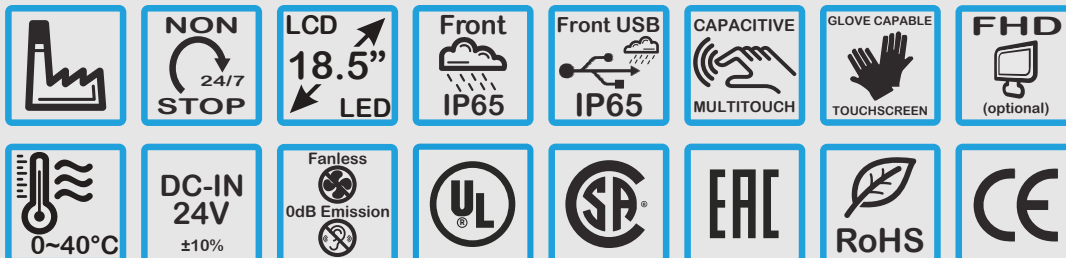
- ▶ **Display**
10.1" LCD with LED technology
- ▶ **Touchscreen**
Resistive, usable with gloves
- ▶ **Degree of protection**
IP65 on the front side
- ▶ **Structure**
Solid external case | Front frame in anodized aluminium
- ▶ **Positioning**
Easy installation to operator panel | Possibility of mounting on VESA supports
- ▶ **Cooling system**
Fanless, ideal for industrial environments
- ▶ **Continuity of use**
Guaranteed for **continuous use** at high levels of operation



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Monitor iCOMAC 8200 with buttons

UL, CSA and EAC certified **industrial monitor iCOMAC 8200 with button panel** is a functional device with tempered glass, **customizable button panel** and VESA or panel mounting.



- **Display**
18.5" LCD with LED technology, available in HD or Full HD
- **Touchscreen**
Latest generation **multi-touch capacitive**, usable with gloves
- **I/O connections**
Wide availability in the standard configuration, can be **integrated** according to needs
- **Degree of protection**
IP65 on the front side
- **Positioning**
Easy installation to operator panel | Possibility of mounting on **VESA supports**
- **Cooling system**
Fanless, ideal for industrial environments
- **Button panel**
Fully **customizable** according to needs



[VIEW ONLINE](#)

Monitor iCOMAC 8200 capacitive

UL, CSA and EAC certified **industrial monitor iCOMAC 8200** is a highly functional device for any industrial environment, with **tempered glass** and adaptable for VESA or panel mounting.



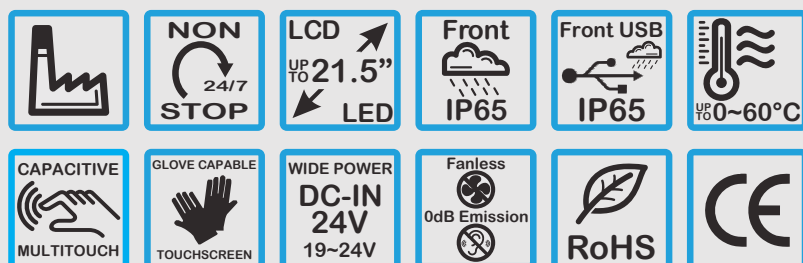
- ▶ **Display**
18.5" LCD with LED technology, available in HD or Full HD
- ▶ **Touchscreen**
Latest generation **multi-touch capacitive**, usable with gloves
- ▶ **I/O connections**
Wide availability in the standard configuration, can be **integrated** according to needs
- ▶ **Degree of protection**
IP65 on the front side
- ▶ **Positioning**
Easy installation to operator panel | Possibility of mounting on **VESA supports**
- ▶ **Cooling system**
Fanless, ideal for industrial environments
- ▶ **Continuity of use**
Guaranteed for **continuous use** at high levels of operation



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Monitor iCOMAC 7200 capacitive

The **iCOMAC 7200 True Flat capacitive monitor** is an **extremely adaptable** industrial device used for the **management of production processes** and **remote control**.



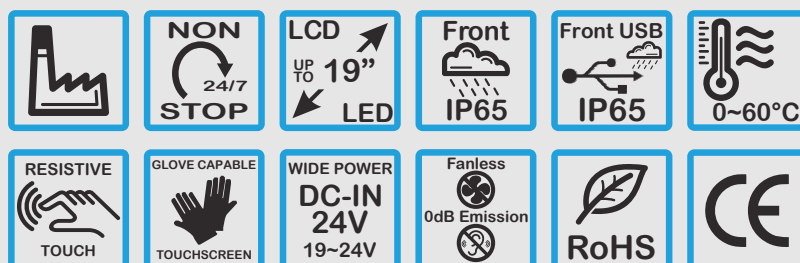
- ▶ **Display**
LCD with LED technology in three versions: **15.6"**, **18.5"** and **21.5"**
- ▶ **Touchscreen**
Latest generation **multi-touch capacitive**, usable with gloves
- ▶ **Structure**
Glass screen for added strength
- ▶ **Degree of protection**
IP65 on the front side
- ▶ **Positioning**
Easy installation to operator panel | Possibility of mounting on **VESA supports**
- ▶ **Cooling system**
Fanless, ideal for industrial environments
- ▶ **Continuity of use**
Guaranteed for **continuous use** at high levels of operation



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Monitor iCOMAC 6100 resistive

The **iCOMAC 6100 resistive monitor** is an industrial monitor for **controlling automation processes**, designed to be **easily integrated** with any system.



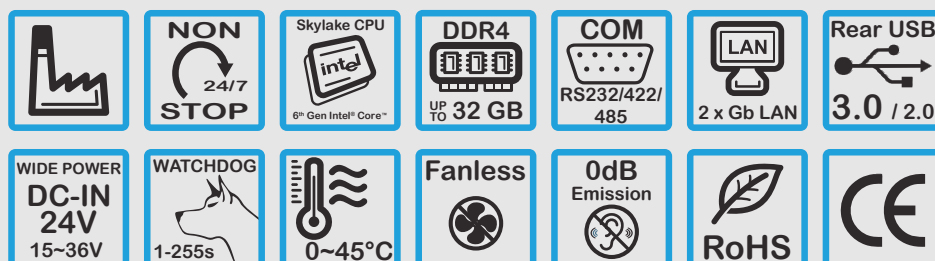
- ▶ **Display**
LCD with LED technology in three versions: **15"**, **17"** and **19"**
- ▶ **Touchscreen**
Resistive, usable with gloves
- ▶ **Structure**
Anodised aluminium or AISI 304 or 316 stainless steel frame
- ▶ **Degree of protection**
IP65 on the front side
- ▶ **Positioning**
Easy installation to operator panel | Possibility of mounting on VESA supports
- ▶ **Cooling system**
Fanless, ideal for industrial environments
- ▶ **Continuity of use**
Guaranteed for **continuous use** at high levels of operation



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Box PC 7100

The **7100 Box PC** is a **high-performance** industrial computer with a high degree of **expandability**, able to **adapt** to multiple uses and contexts.



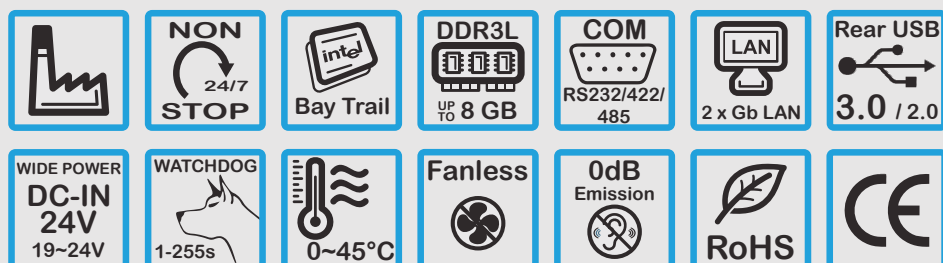
- ▶ **Supported processors**
Intel® Core™: latest generation i3, i5, i7
- ▶ **Positioning**
Desktop or wall mount | Possibility of installation on VESA supports
- ▶ **Cooling system**
Fanless, ideal for industrial environments
- ▶ **Continuity of use**
Guaranteed for **continuous use** at high levels of operation
- ▶ **Structure**
Compact dimensions | **Sturdy case** in painted steel
- ▶ **I/O connections**
Wide availability of different types of ports
- ▶ **Supported operating systems**
All software for industrial use



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Box PC 6100

The **6100 Box PC** is a **versatile** and **compact** industrial computer, which makes **flexibility** of use its strongest feature.



- ▶ **Supported processors**
Intel® Celeron®: J1900
- ▶ **Positioning**
Desktop, wall mount, DIN rail | Possibility of installation on VESA supports
- ▶ **Cooling system**
Fanless, ideal for industrial environments
- ▶ **Continuity of use**
Guaranteed for **continuous use** at high levels of operation
- ▶ **Structure**
Compact dimensions | **Sturdy case** in painted steel
- ▶ **I/O connections**
Wide availability of different types of ports
- ▶ **Supported operating systems**
All software for industrial use



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Industrial kiosk Brianza

The **Brianza industrial stand** is an innovative device designed with **high resistance to dust and liquids**. It is equipped with a **fanless system** and a **touchscreen** with IR technology.



- ▶ **Supported processors**
Intel® Core™: sixth (6th) generation i3, i5, i7
- ▶ **Display**
19" LCD with LED technology with double-layer anti-breakout **protection glass**
- ▶ **Touchscreen**
Infrared (IR) technology that supports **4 simultaneous touches**, even wearing gloves
- ▶ **Cooling system**
Fanless, ideal for industrial environments
- ▶ **Continuity of use**
Guaranteed for **continuous use** at high levels of operation
- ▶ **Structure**
Case and stainless **steel keyboard** anti-scratch and resistant to dust and liquids
- ▶ **Removable All-In-One PC**
It is possible to **extract the PC from the main support**, by acting on four knobs

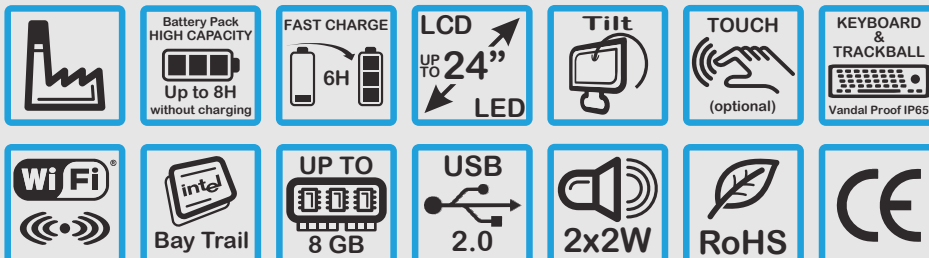


LOGISTICS

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IT cart trolley ACUS

The **ACUS IT cart trolley for logistics** is an ideal device for the **automation of warehouse activities**, thanks to its numerous **accessories** and **functions** available.



- ▶ **Battery**
Integrated: **100 Ah capacity** | About **8 hours** of average autonomy | **6 hours** of charging time
- ▶ **Display**
Possibility of **different formats**
- ▶ **Touchscreen**
Optional: **capacitive** technology, usable with gloves
- ▶ **Keyboard**
Stainless steel with trackball and **IP65** degree of protection
- ▶ **Practicality of use**
Quick and easy movements thanks to 125 mm **antistatic wheels** and **front handle**
- ▶ **Weight**
About **75 kg** in the average configuration
- ▶ **Customization**
Card readers, **barcode readers** and **label printers** can be installed



Customization 4.0

From the idea of the customer until its realization: a determining factor for the success of those who choose our custom-made solutions.

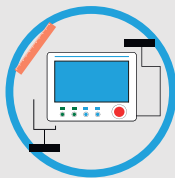
- Over the years we have shaped our design and production activities **to meet the diversity of industrial needs**.
- The Italian manufacturing sector has indeed complex requirements that cannot be resolved in a standard way. The whole sector is continuously requiring **structured solutions designed in each individual element**.
- It is a **highly qualified technological process** where our design and development empathize with the customer's production processes.
- Through this approach we guide our partners to choose **the most suitable solution for any critical environment**, which needs a product engineering development that **overcomes all technological limits**.



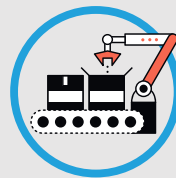
Customer
procedures
and
requirements



Elaboration
of
technical
specifications



Prototyping
and
accuracy
verification



Production,
assembly
and
testing



European
and
International
certifications



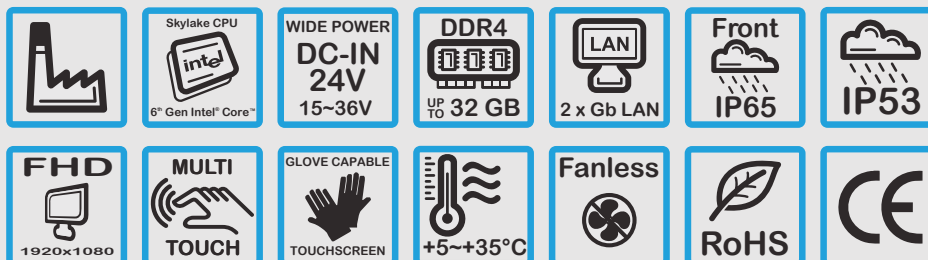
Supply
continuity
for 5/7/10
years



CUSTOM

Industrial console

The **industrial console** is a device designed for contexts in which an **advanced CNC** is required, to be installed on machines for the **processing of multiple types of materials**.



- ▶ **Supported processors**
Intel® Core™: **sixth (6th)** and **seventh (7th)** generation i3, i5, i7
- ▶ **Display**
Full HD high-brightness LCD with LED technology
- ▶ **Structure**
Glass screen for added strength
- ▶ **Touchscreen**
Capacitive, usable with gloves
- ▶ **Degree of protection**
IP65 on the front side | IP53 for the case
- ▶ **Cooling system**
Fanless, ideal for industrial environments
- ▶ **Button panel**
Fully **customizable** according to needs



CUSTOM

Industrial monitor with button panel

The **industrial monitor with button panel** is a console designed for automation and remote control, with **customizable function buttons**.



- ▶ **Display**
LCD with LED technology, available in HD or Full HD
- ▶ **Touchscreen**
Capacitive multi-touch up to 10 contemporary touches, usable with gloves
- ▶ **Degree of protection**
IP65 on the front side
- ▶ **Positioning**
Easy installation to operator panel | Possibility of mounting on VESA supports
- ▶ **Cooling system**
Fanless, ideal for industrial environments
- ▶ **Continuity of use**
Guaranteed for continuous use
- ▶ **Button panel**
Fully customizable according to needs



CUSTOM

Stainless steel industrial kiosk

The **industrial stand in stainless steel AISI 304 or 316** is a solution designed to guarantee **high levels of efficiency and protection** inside critical working environments.



- ▶ **Display**
LCD with LED technology
- ▶ **Touchscreen**
Resistive in the standard configuration, usable with gloves
- ▶ **Supported processors**
Intel®: seventh (7th) generation Kaby Lake
- ▶ **Structure**
Case and keyboard in stainless steel resistant to shocks, dust and liquids
- ▶ **Cooling system**
Forced ventilation with anti-dust filters
- ▶ **I/O connections**
Wide availability in the standard configuration, can be **integrated** according to needs
- ▶ **Practicality of use**
Rear wheels for easy handling



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