2025

panel

INDUSTRIAL PC

MONITOR

BOX PC

CUSTOM PC

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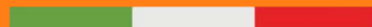
100M

panel

Forward Thinking

Catalog Index 2025

The Company

Panel was founded in 1997 as an industrial automation company, capturing a specific market need: **the need for specialization in human-machine interface**. Over the next twenty years, Panel has gradually consolidated itself as a point of reference in the **Human-Machine Interface** sector at an **international level**.

Web site
www.panel.it

Contacts
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info@panel.it

Our values

Reliability

With thousands of installations in diverse industrial sectors, Panel's reliability is confirmed by the trust of our customers, which are some of the most famous brands in the world.
A solid partner, always ready to support you with quality and professionalism.

Continuity

Panel can guarantee continuity of supply over time. A Panel product is an investment protected by an assistance and maintenance service that makes it last a long time.
Industrial PCs designed to guarantee uninterrupted operations, even in the most demanding contexts.

Flexibility

In Panel we offer customized solutions for the specific needs of each industrial project, even the most challenging.
Flexibility also means the ability to listen to the customer, promptness in assembly on request and rapid delivery anywhere in Italy and Europe.

Innovation

At the heart of our commitment: designing industrial PCs that anticipate the challenges of the future, ensuring excellent performance and total adaptability. Choosing our PCs means investing in quality and technology that evolves with your business.

Our expertise

We offer **cutting-edge technology solutions**, designed to withstand the most extreme industrial conditions.
Our experience and commitment to reliability and customization guarantee your business a **superior performance and continuous support**.

- ✓ Customized solutions
- ✓ Dedicated consultants
- ✓ Stability and quality
- ✓ High performances

Custom solutions

Made for your needs

The experience gained over the years of activity, the wide range of products, and an extremely qualified technical/commercial team, make Panel products the ideal solution for various applications.

We offer our customers solutions based on specific requests and for any work environment.

Our customizations offer the possibility of creating industrial PCs and box PCs perfectly adapted to the unique needs of your sector.
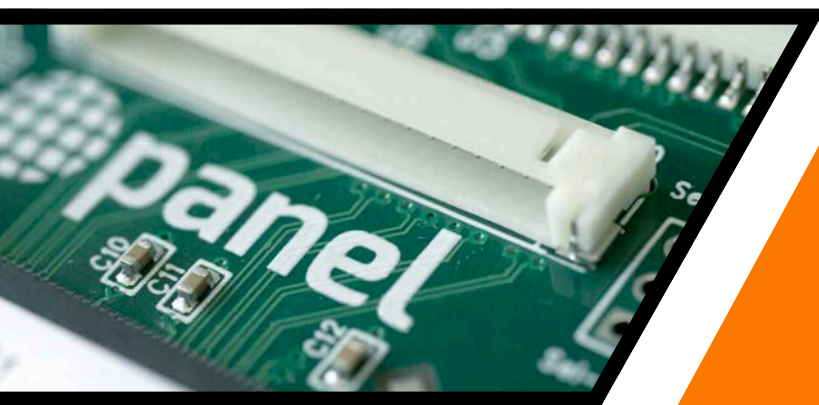
From mechanical design to component selection, our team offers qualified and rapid services.

Thanks to our experience, we can create solutions that integrate perfectly into your operating environment, to optimize processes and to support the growth of your business.

Imagine your ideal solution...
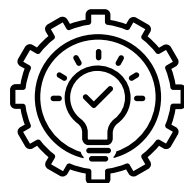
...and we'll build it for you!

Custom front panels

User-friendly graphics

The wide range of products, the flexibility of configuration, and the very high reliability, make Panel products the ideal solution for various applications, industrial and non-industrial, even in particularly harsh environments.

Panel also innovates in style. Thanks to an exclusive technology, customers can customize the front panel of their PCs and monitors with graphics, logos, colors and symbols making them unique and identifying their company.
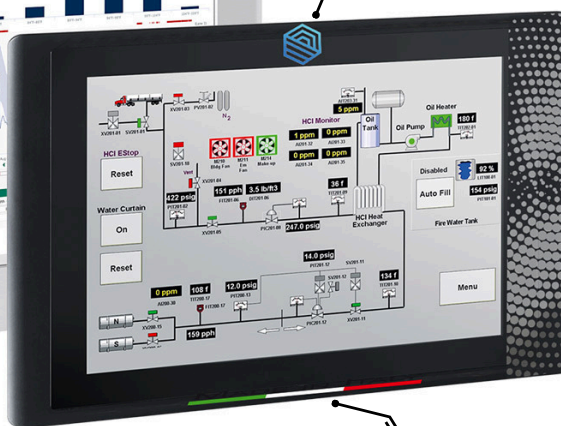A service created internally, guaranteed in short times and also available for orders of a few units.

Custom graphics

Logo

Logo

Symbols, QR codes and much more

Custom graphics

PANEL PC

PSG Series

Capacitive Touch Screen

- 10.1" to 21.5" Display
- Capacitive touch screen
- CPU up to Intel Core i7
- Internal power supply 24VDC or 110-230 VAC
- IP66 protection grade
- Operating temperature of 0-50°C ; 0-45°C
- Customizable panel
- CE, cURus certification

IP66

CE cURus ✓RoHS Windows Embedded Linux
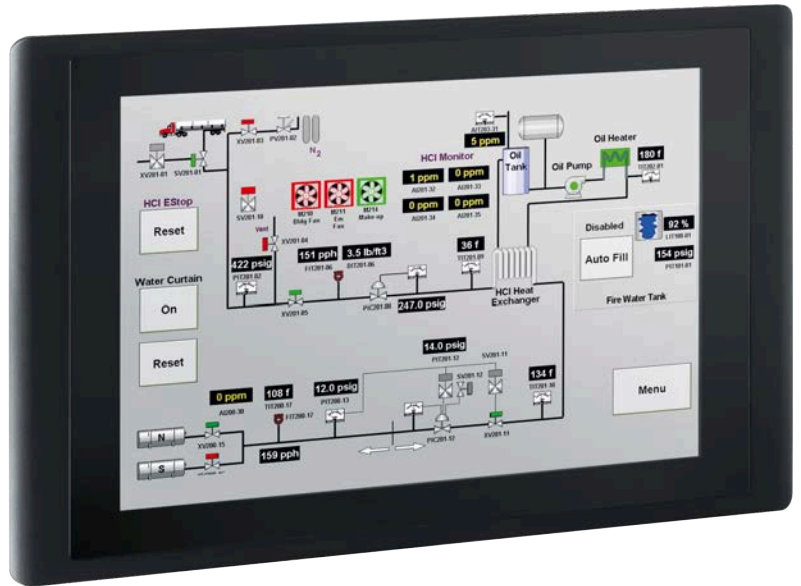
FANLESS **Industrial PCs for panel mounting** in compact version and equipped with displays from 10.1" to 21.5", both in compact and Widescreen form. Also Full HD resolution.

Ideal for industrial environments, even particularly extreme ones. Thanks to the flexibility of configuration, the **PSG** series can be supplied with a wide range of CPUs, making them the ideal solution for industrial automation applications and beyond.

All configurations can include internal 24 VDC or 110-230 VAC power supply. The front panel, with **IP66** protection rating, is made of **black silk-screened tempered glass with an aluminum edge** and a **multi-touch rear-projected capacitive touch screen**.

PSG2 Series

PRODUCT ID	EM-FT	EN	FD

DISPLAY	10.1" 1280x800(FT) **Wide**
	12.1" 800x600
	        1024x768
	15" 1024x768
	15.6" 1366x768 **Wide**
	        1920x1080 **Wide**
	17" 1280x1024
	18.5" 1366x768 **Wide**
	        1920x1080 **Wide**
	21,5" 1920x1080 **Wide**
		12.1" 800x600
		        1024x768
		15" 1024x768
		15.6" 1366x768 **Wide**
		        1920x1080 **Wide**
		17" 1280x1024
		18.5" 1366x768 **Wide**
		        1920x1080 **Wide**
		21,5" 1920x1080 **Wide**	

TOUCH TYPE	Projected capacitive multi touch		
CPU	Intel Celeron N3350(EM) Intel Pentium N4200(FT)	Intel Core i3-7100T Intel Core i5-7500T Intel Core i7-7700T	Intel N97
OS SUPPORTS	Windows 10 64 bit Linux		Windows 10 64 bit Windows 11 64 bit Linux
STORAGE	1x M.2 SSD 1x 2.5" SSD	1x 2.5" SSD	1x 2.5" SSD 1x M.2 SSD
EXPANSION SLOTS	1x Full Mini PCIe 1x M.2 *	1x Full Size Mini PCIe/mSATA 1x Half Size Mini PCIe	2x M2
SERIAL PORTS	Up to 3x RS232/422/485 1x RS232	2x RS232/422/485 2x RS232	1x RS232/422/485 Up to 3x RS232
USB PORTS	Up to 4x USB 3.0 Up to 2x USB 2.0	4x USB 3.0 1x USB 2.0	3x USB 3.2 1x USB 2.0
AUDIO I/O	1x Line-out 1x Mic-in *		N/A
VIDEO OUTPUT	1x VGA 1x HDMI	3x HDMI	1x HDMI 1x DP
LAN PORTS	2x RJ45 10/100/1000 Gigabit LAN		
POWER SYSTEM	24 VDC 110-230 VAC **		
OPERATING TEMPERATURE	0-50°C ; 0-45°C with Intel Core i7		
FRONTAL PANEL PROTECTION	IP66		
SAFETY	CE ; cURus (EM/EN)		

 * Only for EM

** Only for EM/EN/FD

PANEL PC

PSR Series

Resistive Touch Screen

- 8" to 21.5" Display
- Resistive touch screen
- CPU up to Intel Core i7
- Internal power supply 24VDC or 110-230 VAC
- IP66 protection grade
- Operating temperature of 0-50°C ; 0-45°C
- Customizable panel
- CE, cURus certification

IP66

CE c**UL**us ✓RoHS ⊞ Windows Embedded ⬤ Linux

FANLESS industrial PCs for panel mounting in compact version and equipped with displays from 8" to 21.5", both in 4:3 and 16:9 versions, and Full HD resolution.

Ideal for industrial environments, even particularly extreme ones. Thanks to the flexibility of configuration, the **PSR** series can be supplied with a wide range of CPUs, making them the ideal solution for industrial automation applications and beyond.

All configurations can include internal 24 VDC or 110-230 VAC power supply.
The front panel, with **IP66** protection rating, is made of **anodized aluminum**, with USB port and **5-wire resistive touch screen**.

PSR1 Series

PRODUCT ID	EM-FT	EN	FD
DISPLAY	8" 800x600(FT) 10.1" 1024x600(FT) **Wide** 10.4" 800x600 12.1" 800x600 1024x768 15" 1024x768 15.6" 1366x768 **Wide** 1920x1080 **Wide** 17" 1280x1024 18.5" 1366x768 **Wide** 1920x1080 **Wide** 21.5" 1920x1080 **Wide**	12.1" 800x600 1024x768 15" 1024x768 15.6" 1366x768 **Wide** 1920x1080 **Wide** 17" 1280x1024 18.5" 1366x768 **Wide** 1920x1080 **Wide** 21.5" 1920x1080 **Wide**	
TOUCH TYPE	5 Wire resistive touch		
CPU	Intel Celeron N3350(EM) Intel Pentium N4200(FT)	Intel Core i3-7100T Intel Core i5-7500T Intel Core i7-7700T	Intel N97
OS SUPPORTS	Windows 10 64 bit Linux		Windows 10 64 bit Windows 11 64 bit Linux
STORAGE	1x M.2 SSD 1x 2.5" SSD *	1x 2.5" SSD	1x 2.5" SSD 1x M.2 SSD
EXPANSION SLOTS	1x Full Mini PCIe 1x M.2 *	1x Full Size Mini PCIe/mSATA 1x Half Size Mini PCIe	1x Full Mini PCIe 2x M2
SERIAL PORTS	Up to 3x RS323/422/485 1x RS232	2x RS323/422/485 2x RS232	1x RS232/422/485 Up to 3x RS232
USB PORTS	Up to 4x USB 3.0 Up to 2x USB 2.0	4x USB 3.0 1x USB 2.0	3x USB 3.2 1x USB 2.0
AUDIO I/O	1x Line-out 1x Mic-in *		N/A
VIDEO OUTPUT	1x VGA 1x HDMI	3x HDMI	1x HDMI 1x DP
LAN PORTS	2x RJ45 10/100/1000 Gigabit LAN		
POWER SYSTEM	24 VDC 110-230 VAC **		
OPERATING TEMPERATURE	0-50°C ; 0-45°C with Intel Core i7		
FRONTAL PANEL PROTECTION	IP66		
SAFETY	CE ; cURus (EM/EN)		

 * Only for EM

** Only for EM/EN/FD

ARM PC

PAC Series

Capacitive Touch Screen

- 15.6" to 21.5" Display
- Capacitive touch screen
- CPU up to Intel Core i7
- Internal power supply 24VDC or 110-230 VAC
- Full IP65 protection rating
- Operating temperature of 0-50°C
- Customizable panel
- Made entirely from aluminium CNC machined
- 3 Mounting types: VESA, suspension, floor stand

IP65

CE ✓RoHS ⊞ Windows Embedded ⊙ Linux

PAC116

PAC122

TOTAL PROTECTION - **FANLESS** industrial PCs and monitors, extremely compact. **IP65** on the entire machine body and therefore suitable even for the most demanding industrial environments.

HIGH PERFORMANCE - Performance is guaranteed by the **latest generation CPUs** capable of satisfying even the most demanding requests. PCs and monitors are equipped with a LED backlit display, with a multitouch rear-projected capacitive touch screen.

THREE DIFFERENT MOUNTINGS - The provision for 3 different types of mounting makes the PAC extremely versatile and flexible. The PC is available for **suspension arm**, **floor stand** or **VESA mounting**.
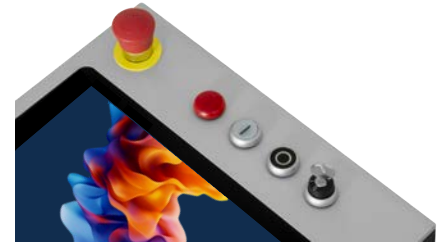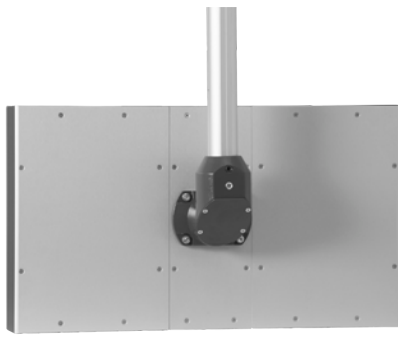
Suspended Monitor version
PAM Series

Serie PAC

PRODUCT ID	EM	EN
DISPLAY	15.6" 1366x768 **Wide** 1920x1080 **Wide** 21.5" 1920x1080 **Wide**	
TOUCH TYPE	Projected capacitive multi touch	
CPU	Intel Celeron N3350 Intel Pentium N4200	Intel Core i3-7100T Intel Core i5-7500T Intel Core i7-7700T
OS SUPPORTS	Windows 10 64 bit Linux	
STORAGE	1x M.2 SSD 1x 2.5" SSD	Up to 2x 2.5" SSD
EXPANSION SLOTS	1x Full Mini PCIe 1x M.2	1x Full Size Mini PCIe/mSATA 1x Half Size Mini PCIe
SERIAL PORTS	3x RS232/422/485 up to 1x RS232	2x RS232/422/485 up to 2x RS232
USB PORTS	4x USB 3.0	4x USB 3.0 1x USB 2.0
AUDIO I/O	1x Line-out 1x Mic-in	
VIDEO OUTPUT	1x VGA 1x HDMI	3x HDMI
LAN PORTS	2x RJ45 10/100/1000 Gigabit LAN	
POWER SYSTEM	24 VDC	
OPERATING TEMPERATURE	0-50°C	
KEYS	Up to 10 Ø 22 elements	
PROTECTION GRADE	Full IP65	
SAFETY	CE	

VESA PC

PVG - PVR Series

Capacitive Touch Screen

- 15" to 21.5" Display
- Capacitive or resistive touch screen
- CPU up to Intel Core i7
- Internal power supply 24VDC or 110-230 VAC
- Degree of protection IP30*
  *IP 66 su pannello frontale
- Operating temperature of 0-50°C
- Customizable panel
- VESA Mounting

IP30

CE ✓RoHS Windows Embedded Linux
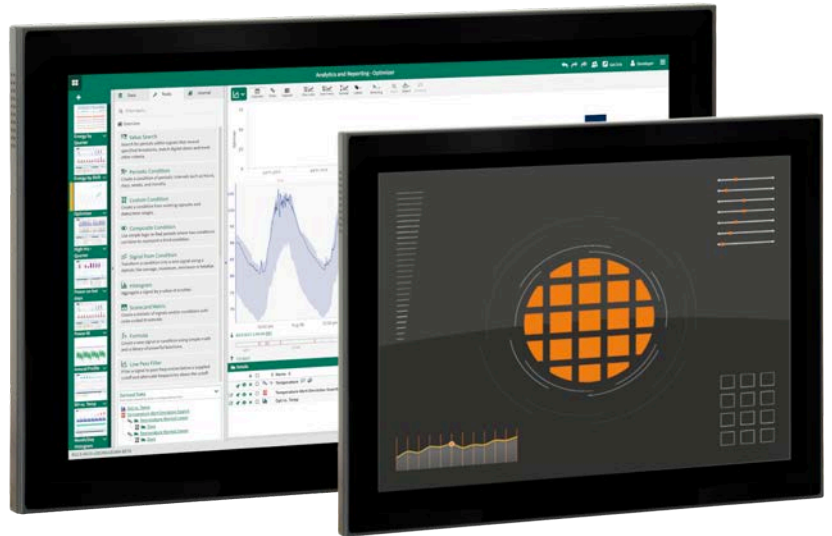
Industrial PCs for VESA mounting, available with multi-touch or resistive rear-projected capacitive touch screen.

Versatile and practical, these PCs can be easily integrated into existing systems thanks to VESA support. Extremely compact and completely **FANLESS**, they are also available in Widescreen form. Resolutions also Full HD.

The VESA series PCs are equipped with the latest generation CPUs, capable of providing high performance which, combined with very low consumption, are the ideal solution for industrial automation applications and beyond.
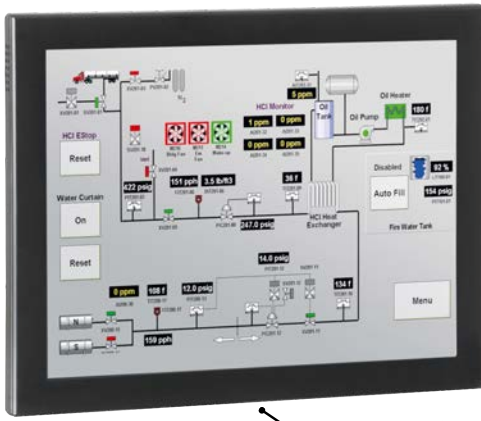
PVR Series

PVG Series

Resistive

Capacitive

PVR Series   PVG Series

PRODUCT ID	EM	EM	EN
DISPLAY	15" 1024x768	17" 1280x1024 18.5" 1366x768 **Wide** 1920x1080 **Wide** 21.5" 1920x1080 **Wide**	18.5" 1366x768 **Wide** 1920x1080 **Wide** 21.5" 1920x1080 **Wide**
TOUCH TYPE	5 Wire resistive touch	Projected capacitive multi touch	
CPU	Intel Celeron N3350 Intel Pentium N4200		Intel Core i3-7100T Intel Core i5-7500T Intel Core i7-7700T
OS SUPPORTS	Windows 10 64 bit Linux		
STORAGE	1x M.2 SSD 1x 2.5" SSD		Up to 2x 2.5" SSD
EXPANSION SLOTS	1x Full Mini PCIe 1x M.2 *		1x Full Size Mini PCIe/mSATA 1x Half Size Mini PCIe
SERIAL PORTS	3x RS232/422/485		2x RS232/422/485
USB PORTS	4x USB 3.0 Up to 2x USB 2.0		4x USB 3.0
AUDIO I/O	1x Line-out 1x Mic-in		
VIDEO OUTPUT	1x VGA 1x HDMI		3x HDMI
LAN PORTS	2x RJ45 10/100/1000 Gigabit LAN		
POWER SYSTEM	24 VDC 110-230 VAC		
OPERATING TEMPERATURE	0-50°C		
PROTECTION GRADE	IP30 **		
SAFETY	CE		

* Only for EM

** IP66 on front panel

INOX PC

PVS Series

Capacitive - Resistive Touch Screen

- 15" to 18.5" Display
- Capacitive or resistive touch screen
- Intel N97 CPU
- Internal power supply 24VDC or 110-230 VAC
- Full IP67 protection grade
- Operating temperature of 0-50°C
- Customizable panel
- Entirely in AISI 304 stainless steel

IP67

CE ✓RoHS ⊞ Windows Embedded 🐧 Linux

Fully FANLESS industrial PCs, made of **AISI 304 stainless steel** with **total IP67 protection**, for **VESA** mounting.

Extremely compact, they are equipped with **LED displays** and are available with either a **multitouch rear-projected capacitive touch screen** or a **resistive touch screen**.

Thanks to the multiple configurations available and latest-generation CPUs, capable of providing high performance combined with very low consumption, they are the **ideal solution for food, pharmaceutical and chemical applications**.

PVS Series

PRODUCT ID	FD		
DISPLAY	15"	1024x768	
	15.6"	1366x768 **Wide**	
		1920x1080 **Wide**	
	17"	1280x1024	
	18.5"	1366x768 **Wide**	
		1920x1080 **Wide**	
TOUCH TYPE	5 Wire resistive touch		
	Projected capacitive multi touch		
CPU	Intel N97		
OS SUPPORTS	Windows 10		
	Windows 11		
	Linux		
STORAGE	1x 2.5" SSD		
SERIAL PORTS	Up to 2x COM Ports		
USB PORTS	Up to 2x USB 2.0		
LAN PORTS	Up to 2x RJ45 10/100/1000 Gigabit LAN		
POWER SYSTEM	24 VDC		
	110-230 VAC		
OPERATING TEMPERATURE	0-50°C		
MATERIAL	AISI 304 Stainless steel		
PROTECTION GRADE	Full IP67		
SAFETY	CE		

BOX PC

- Latest generation CPU

- Extra compact design

- Internal power supply 24VDC or 110-230 VAC

- Operating temperature 0-50°C

- For DIN rail, inside panel or table mounting

CE ✓RoHS ■ Windows Embedded ○ Linux

DIN Rail Mounting

FLAT Mounting
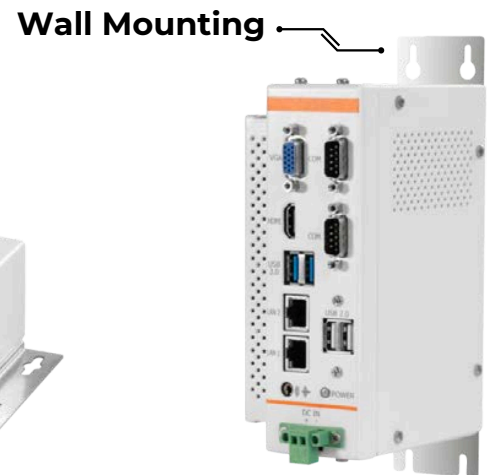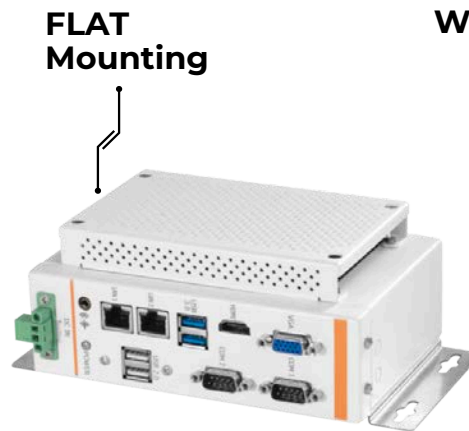
Wall Mounting

Industrial **BOX PCs** for DIN rail mounting, inside a panel or table. Thanks to their design and extremely flexible configuration, solutions can be obtained for multiple types of use with **CPUs with high computing power**, completely **FANLESS**.

Panel's industrial BOX PCs are **robust and compact solutions** designed to guarantee high performance and offer efficient management of automated processes thanks to their versatility in integrating with complex machinery and systems.

With advanced computing power and support for multiple interfaces, these devices ensure **continuous and uninterrupted operation**, optimizing productivity. Combined with monitors, they are **ideal for applications in sectors such as manufacturing, logistics and automation**, BOX PCs are **easy to customize to meet specific needs**, improving efficiency and time.

	PAB123	PAB124	PAB223	PAB224	PAB323
PRODUCT ID					
CPU	Intel Pentium N4200		Intel Celeron J6412		Intel Core i5-1135G7B
OS SUPPORTS	Windows 10 64 bit Linux		Windows 10 64 bit Windows 11 64 bit Linux		
STORAGE	1x M.2 SSD 1x 2,5" SSD (optional)				1x M.2 SSD 1x 2,5" SSD (optional) RAID 0/1 option available
EXPANSION SLOTS	1x Mini PCIe half size				1x Mini PCIe full size
SERIAL PORTS	1x RS232/422/485 1x RS232	N/A	2x RS232/422/485	N/A	2x RS232/422/485
USB PORTS	2x USB 2.0 2x USB 3.0			4x USB 3.2 2x USB 2.0	
AUDIO I/O	Line-Out				
VIDEO OUTPUT	1x VGA 1x HDMI		2x HDMI		
LAN PORTS	2x RJ45 Gigabit LAN	4x RJ45 Gigabit LAN	2x RJ45 Gigabit LAN	4x RJ45 Gigabit LAN	2x RJ45 Gigabit LAN 2x RJ45 Gigabit LAN (Optional)
POWER SYSTEM	24 VDC				
OPERATING TEMPERATURE	0-50°C				
SAFETY	CE				

Capacitive - Resistive Touch Screen

- 12.1" to 21.5" Display
- Wide screen or 4:3 format
- Capacitive or resistive touch screen
- Internal power supply 24VDC or 110-230 VAC
- IP66 protection grade
- Operating temperature 0-50°C
- Customizable panel
- VESA or Panel Mounting

IP66

CE ✓RoHS ■ Windows Embedded 🐧 Linux

Capacitive
PMG Series

Resistive
PMR Series

Industrial panel mounting monitors with 12.1" to 21.5" wide screen displays with LED backlight and **excellent resolution**. Available with both 24VDC and 230VAC power supply and featuring **high brightness**, a **wide viewing** angle and the possibility of connection via **VGA or DVI port**.

The PMG and PMR series are the ideal solution for supervision and control in even critical industrial environments.

The **PMG** front panel, with IP66 protection rating, is made of black silk-screened tempered glass with an aluminium edge and a multi-touch rear-projected capacitive touch screen.

The **PMR** front panel, in anodized aluminum and with IP66 protection rating, is equipped with a 5-wire resistive touch screen.

PMG3 Series   PMR2 Series

PRODUCT ID		

DISPLAY	12.1" 800x600
	        1024x768
	15" 1024x768
	15.6" 1366x768 **Wide**
	        1920x1080 **Wide**
	17" 1280x1024
	18.5" 1366x768 **Wide**
	        1920x1080 **Wide**
	21,5" 1920x1080 **Wide**	

TOUCH TYPE	Projected capacitive multi touch	5 Wire resistive touch
FRONT USB PORTS	N/A	1x USB 2.0
POWER SYSTEM	24 VDC 110-230 VAC	
VIDEO INPUT	1x VGA 1x DVI	
OPERATING TEMPERATURE	0-50°C	
FRONTAL PANEL PROTECTION	IP66	
SAFETY	CE	

REMOTED MONITOR

PRG - PRR Series

Capacitive - Resistive Touch Screen

- Network connection up to 100 meters
- 12.1" to 21.5" Display
- Capacitive or resistive touch screen
- Internal power supply 24VDC
- IP66 protection grade
- Operating temperature 0-50°C
- Customizable panel
- 24VDC external transmitter for DIN mounting

100M

IP66

CE ✓RoHS Windows Embedded ○ Linux
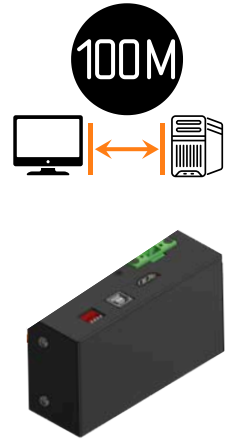
Industrial monitor for panel mounting with remote control system via LAN network with coverage up to 100 meters, LED backlit with excellent resolution. Ideal solution for supervision and control, even in machines or systems where there are many disturbances or where it is necessary to cover very long distances between PC and monitor. Possibility of connection also through the company network.

The PRG front panel, with IP66 protection rating, is made of black silk-screened tempered glass with an aluminium edge and a multi-touch rear-projected capacitive touch screen.

The PRR front panel, in anodized aluminum and with IP66 protection rating, is equipped with a 5-wire resistive touch screen.
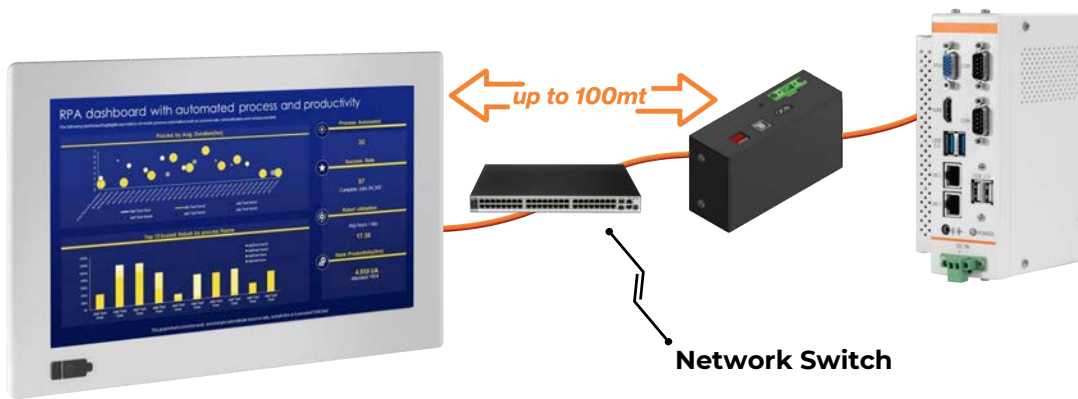
Direct connection

Transmitter

up to 100mt

BOX PC

Monitor with internal receiver

LAN cable up to 100m
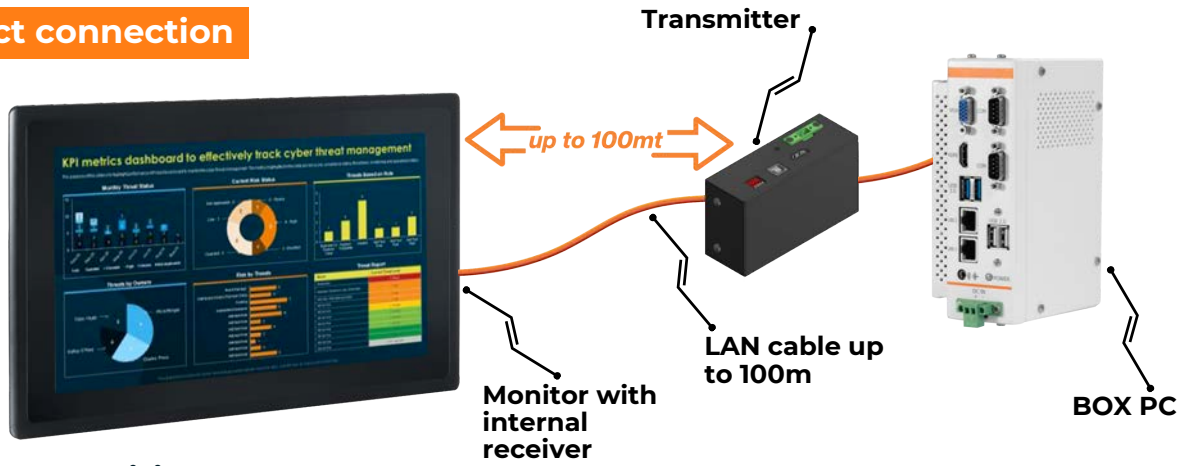
Capacitive
PRG Series

Connection through the company network

up to 100mt

Network Switch

Resistive
PRR Series

PRG3 Series   PRR2 Series

PRODUCT ID		
DISPLAY	12.1" 800x600 1024x768 15" 1024x768 15.6" 1366x768 **Wide** 1920x1080 **Wide** 17" 1280x1024 18.5" 1366x768 **Wide** 1920x1080 **Wide** 21.5" 1920x1080 **Wide**	
TOUCH TYPE	Projected capacitive multi touch	5 Wire resistive touch
FRONT USB PORTS	N/A	1x USB 2.0
POWER SYSTEM	24 VDC	
REAR INPUT	1x USB 2.0	
VIDEO INPUT	1x LAN	
OPERATING TEMPERATURE	0-50°C	
FRONTAL PANEL PROTECTION	IP66	
SAFETY	CE	

Support and assistance

Our team of experts is always ready to guide you in choosing the solution that best suits your needs, ensuring timely and **personalized assistance at every stage of the process**.

- ✓ The **sales consultancy** is always available to offer you a personalized experience, guiding you in choosing the ideal solution for your industrial needs.

- ✓ The **after-sales technical assistance service** is able to support with professionalism and speed the issues regarding the entire range of Panel products.

With our consultants and dedicated maintenance, you can be sure that your systems will always be perfect for your situation, operational and optimized at their best. We are at your side, before and after the purchase, to guarantee you a worry-free experience.

Sales consultancy
+39 0536 808519
info@panel.it

Technical assistance service
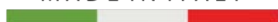+39 0536 808519
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www.panel.it

FORWARD THINKING

panel

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