

EUROPEAN
BRAND WITH A
36-MONTH
WARRANTY

PANEL
COMPUTERS



EMBEDDED
COMPUTERS



SINGLE BOARD
COMPUTERS



necesa[®]

INDUSTRIAL
MONITORS



RUGGED
TABLETS



ACCESSORIES
& EQUIPMENT



**ESSENTIAL
AND RELIABLE**
IN INDUSTRIAL
ENVIRONMENTS



Specialized industrial computers tailored to your needs

The Necesa brand was created to deliver solutions essential for modern industry – the name itself, derived from the word *necessary*, reflects our approach.

Built on more than 20 years of experience in industrial computer sales, Necesa has become synonymous with reliability and innovation. This experience, gained through hundreds of deployments and thousands of delivered devices, forms the solid foundation of the brand.

Our systems support process automation, production management, and the monitoring of key aspects of industrial operations.

Necesa is more than just a brand – it is a **guarantee of reliability** that helps companies achieve their business goals and ensures confidence in the right choice.

Where our computers perform best



POS



Kiosk



Automation and control



Vending



Reverse vending



Industry



Access control



Information and logistics

Discover our offer

Here you'll find all the key information about the Necesa brand, our products, and our development plans.

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Fanless Panel PCs



- > Increased brightness for outdoor sunlight operation
- > Screen glass thickness up to 4 mm (vandal-resistant)
- > Varied computing power: ARM, Celeron, i3, i5, i7
- > Resistance to low and high temperatures
- > Front-facing IP65 protection
- > Passive cooling
- > VESA, wall-mounted, or panel installation – from the front or rear of the console

NCS-PA101P-J5

highly ruggedised compact 10.1" panel PC designed for complex industrial environments and automation environments. Its aluminium housing with efficient heat dissipation, fanless design and flat panel with IP65 protection make it ideal for harsh environments. The device offers SDK support and rapid customisation and application development, making it a versatile choice for projects requiring reliability, performance and flexibility.



Available Configurations

Model	Screen	Brightness	CPU	RAM	Storage	I/O	Temp. Range
NCS-PA101P-J5/ RK3288/4/64-R1	10.1", 16:10, 800:1280	300 cd/m ²	RK3288	4 GB	64 GB eMMC	WiFi, 2xUSB, 1xLAN, BT 5.0, audio in/out	-10°C ~ 60°C
NCS-PA101P-J5/ RK3288/4/64-HB-R1	10.1", 16:10, 800:1280	1000 cd/m ²	RK3288	4 GB	64 GB eMMC	WiFi, 2xUSB, 1xLAN, BT 5.0, audio in/out	-10°C ~ 60°C
NCS-PA101P-J5/ RK3288/4/64-HBWT-R1	10.1", 16:10, 800:1280	1000 cd/m ²	RK3288	4 GB	64 GB eMMC	WiFi, 2xUSB, 1xLAN, BT 5.0, audio in/out	-20°C ~ 70°C
NCS-PA101P-J5/ RK3288/4/64-WT-R1	10.1", 16:10, 800:1280	300 cd/m ²	RK3288	4 GB	64 GB eMMC	WiFi, 2xUSB, 1xLAN, BT 5.0, audio in/out	-20°C ~ 70°C
NCS-PA101P-J5/ RK3288/8/64-R1	10.1", 16:10, 800:1280	300 cd/m ²	RK3288	8 GB	64 GB eMMC	WiFi, 2xUSB, 1xLAN, BT 5.0, audio in/out	-10°C ~ 60°C
NCS-PA101P-J5/ RK3288/8/64-HB-R1	10.1", 16:10, 800:1280	1000 cd/m ²	RK3288	8 GB	64 GB eMMC	WiFi, 2xUSB, 1xLAN, BT 5.0, audio in/out	-10°C ~ 60°C
NCS-PA101P-J5/ RK3288/8/64-HBWT-R1	10.1", 16:10, 800:1280	1000 cd/m ²	RK3288	8 GB	64 GB eMMC	WiFi, 2xUSB, 1xLAN, BT 5.0, audio in/out	-20°C ~ 70°C
NCS-PA101P-J5/ RK3288/8/64-WT-R1	10.1", 16:10, 800:1280	300 cd/m ²	RK3288	8 GB	64 GB eMMC	WiFi, 2xUSB, 1xLAN, BT 5.0, audio in/out	-20°C ~ 70°C



resolution
800x1280



contrast
1000:1



brightness
300/1000 cd/m²



fanless
design



LED
backlight



matrix response
time 5 ms



10-point capacitive
touchscreen



IP65 protection
from the front



slim front
panel



screen hardness
7 Mohs



24/7 continuous
operation



power supply
12-36V DC



front panel
mounting

NCS-PA101P-J2

10.1" panel computer designed with the for the most demanding industrial and technology applications. Featuring an RK3568 quad-core processor with an embedded NPU providing 1TOPS of AI computing power, it enables advanced data analysis systems and artificial intelligence applications. The ultra-slim 3 mm front bezel with IP65 protection ensures an aesthetically pleasing appearance and durability in harsh industrial environments.



front panel mounting



ultra-thin aluminium frame (3 mm)



resolution 800x1280



contrast 1000:1



brightness 300/1000 cd/m²



fanless design



LED backlight



matrix response time 5 ms



10-point capacitive touchscreen



IP65 protection from the front



screen hardness 7 Mohs



power supply 12-36V DC



24/7 continuous operation

Available Configurations

Model	Screen	Brightness	CPU	RAM	Storage	I/O	Temp. Range
NCS-PA101P-J2/ RK3568/8/128-R1	10.1", 16:10, 800:1280 (FHD)	300 cd/m ²	RK3568	8 GB	64 GB eMMC	WiFi, BT 5.0, 2xUSB, 1xLAN, 1xRS232, audio in/out	-10°C ~ 60°C
NCS-PA101P-J2/ RK3568/8/128-HB-R1	10.1", 16:10, 800:1280 (FHD)	1000 cd/m ²	RK3568	8 GB	64 GB eMMC	WiFi, BT 5.0, 2xUSB, 1xLAN, 1xRS232, audio in/out	-10°C ~ 60°C
NCS-PA101P-J2/ RK3568/8/128-HBWT-R1	10.1", 16:10, 800:1280 (FHD)	1000 cd/m ²	RK3568	8 GB	64 GB eMMC	WiFi, BT 5.0, 2xUSB, 1xLAN, 1xRS232, audio in/out	-20°C ~ 70°C
NCS-PA101P-J2/ RK3568/8/128-WT-R1	10.1", 16:10, 800:1280 (FHD)	300 cd/m ²	RK3568	8 GB	64 GB eMMC	WiFi, BT 5.0, 2xUSB, 1xLAN, 1xRS232, audio in/out	-20°C ~ 70°C
NCS-PA101P-J2/ RK3568/16/128-R1	10.1", 16:10, 800:1280 (FHD)	300 cd/m ²	RK3568	16 GB	64 GB eMMC	WiFi, BT 5.0, 2xUSB, 1xLAN, 1xRS232, audio in/out	-10°C ~ 60°C
NCS-PA101P-J2/ RK3568/16/128-HB-R1	10.1", 16:10, 800:1280 (FHD)	1000 cd/m ²	RK3568	16 GB	64 GB eMMC	WiFi, BT 5.0, 2xUSB, 1xLAN, 1xRS232, audio in/out	-10°C ~ 60°C
NCS-PA101P-J2/ RK3568/16/128-HBWT-R1	10.1", 16:10, 800:1280 (FHD)	1000 cd/m ²	RK3568	16 GB	64 GB eMMC	WiFi, BT 5.0, 2xUSB, 1xLAN, 1xRS232, audio in/out	-20°C ~ 70°C
NCS-PA101P-J2/ RK3568/16/128-WT-R1	10.1", 16:10, 800:1280 (FHD)	300 cd/m ²	RK3568	16 GB	64 GB eMMC	WiFi, BT 5.0, 2xUSB, 1xLAN, 1xRS232, audio in/out	-20°C ~ 70°C

NCS-PX133P-J2-J

the latest generation of fanless industrial computers with a 13.3" capacitive touchscreen. They can be used in most industrial environments. They feature a reliable and stylish aluminium housing, well sealed and fanless. The computers in this series have extensive panel/vesa/arm/stand mounting options.



front panel mounting



ultra-thin aluminium frame (3 mm)



resolution 1920x1080



contrast 1000:1



brightness 220/1000 cd/m²



fanless design



LED backlight



matrix response time 5 ms



10-point capacitive touchscreen



IP65 protection from the front



screen hardness 7 Mohs



power supply 12-36V DC



24/7 continuous operation

Available Configurations

Model	Screen	Brightness	CPU	RAM	Storage	I/O	Temp. Range
NCS-PX133P-J2/J6412/8/128-R1	13.3", 16:9 (FHD)	220 cd/m ²	Celeron J6412	8 GB	128 GB SSD	WiFi, 4xUSB, 2xLAN, 2xRS232, audio out	-10°C ~ 60°C
NCS-PX133P-J2/J6412/8/128-HB-R1	13.3", 16:9 (FHD)	1000 cd/m ²	Celeron J6412	8 GB	128 GB SSD	WiFi, 4xUSB, 2xLAN, 2xRS232, audio out	-10°C ~ 60°C
NCS-PX133P-J2/J6412/8/128-HBWT-R1	13.3", 16:9 (FHD)	1000 cd/m ²	Celeron J6412	8 GB	128 GB SSD	WiFi, 4xUSB, 2xLAN, 2xRS232, audio out	-20°C ~ 70°C
NCS-PX133P-J2/J6412/8/128-WT-R1	13.3", 16:9 (FHD)	220 cd/m ²	Celeron J6412	8 GB	128 GB SSD	WiFi, 4xUSB, 2xLAN, 2xRS232, audio out	-20°C ~ 70°C
NCS-PX133P-J2/J6412/16/256-R1	13.3", 16:9 (FHD)	220 cd/m ²	Celeron J6412	16 GB	256 GB SSD	WiFi, 4xUSB, 2xLAN, 2xRS232, audio out	-10°C ~ 60°C
NCS-PX133P-J2/J6412/16/256-HB-R1	13.3", 16:9 (FHD)	1000 cd/m ²	Celeron J6412	16 GB	256 GB SSD	WiFi, 4xUSB, 2xLAN, 2xRS232, audio out	-10°C ~ 60°C
NCS-PX133P-J2/J6412/16/256-HBWT-R1	13.3", 16:9 (FHD)	1000 cd/m ²	Celeron J6412	16 GB	256 GB SSD	WiFi, 4xUSB, 2xLAN, 2xRS232, audio out	-20°C ~ 70°C
NCS-PX133P-J2/J6412/16/256-WT-R1	13.3", 16:9 (FHD)	220 cd/m ²	Celeron J6412	16 GB	256 GB SSD	WiFi, 4xUSB, 2xLAN, 2xRS232, audio out	-20°C ~ 70°C
NCS-PX133P-J2/J6412/16/512-R1	13.3", 16:9 (FHD)	220 cd/m ²	Celeron J6412	16 GB	512 GB SSD	WiFi, 4xUSB, 2xLAN, 2xRS232, audio out	-10°C ~ 60°C
NCS-PX133P-J2/J6412/16/512-HB-R1	13.3", 16:9 (FHD)	1000 cd/m ²	Celeron J6412	16 GB	512 GB SSD	WiFi, 4xUSB, 2xLAN, 2xRS232, audio out	-10°C ~ 60°C
NCS-PX133P-J2/J6412/16/512-HBWT-R1	13.3", 16:9 (FHD)	1000 cd/m ²	Celeron J6412	16 GB	512 GB SSD	WiFi, 4xUSB, 2xLAN, 2xRS232, audio out	-20°C ~ 70°C
NCS-PX133P-J2/J6412/16/512-WT-R1	13.3", 16:9 (FHD)	220 cd/m ²	Celeron J6412	16 GB	512 GB SSD	WiFi, 4xUSB, 2xLAN, 2xRS232, audio out	-20°C ~ 70°C

NCS-PX133P-J2-I

the latest generation of fanless industrial computers with a 13.3" capacitive touchscreen. They can be used in most industrial environments. They feature a reliable and stylish aluminium housing, well sealed and fanless. The computers in this series have extensive panel/vesa/arm/stand mounting options.



front panel mounting



ultra-thin aluminium frame (3 mm)



resolution 1920x1080



contrast 1000:1



brightness 220/1000 cd/m²



fanless design



LED backlight



matrix response time 5 ms



10-point capacitive touchscreen



IP65 protection from the front



screen hardness 7 Mohs



power supply 12-36V DC



24/7 continuous operation

Available Configurations

Model	Screen	Brightness	CPU	RAM	Storage	I/O	Temp. Range
NCS-PX133P-J2/1215U/8/128-R1	13.3", 16:9 (FHD)	220 cd/m ²	Core i3-1215U	8 GB	128 GB SSD	WiFi, 4xUSB, 2xLAN, 2xRS232, audio out	-10°C ~ 60°C
NCS-PX133P-J2/1215U/8/128-HB-R1	13.3", 16:9 (FHD)	1000 cd/m ²	Core i3-1215U	8 GB	128 GB SSD	WiFi, 4xUSB, 2xLAN, 2xRS232, audio out	-10°C ~ 60°C
NCS-PX133P-J2/1215U/8/128-HBWT-R1	13.3", 16:9 (FHD)	1000 cd/m ²	Core i3-1215U	8 GB	128 GB SSD	WiFi, 4xUSB, 2xLAN, 2xRS232, audio out	-20°C ~ 70°C
NCS-PX133P-J2/1215U/8/128-WT-R1	13.3", 16:9 (FHD)	220 cd/m ²	Core i3-1215U	8 GB	128 GB SSD	WiFi, 4xUSB, 2xLAN, 2xRS232, audio out	-20°C ~ 70°C
NCS-PX133P-J2/1235U/8/128-R1	13.3", 16:9 (FHD)	220 cd/m ²	Core i5-1235U	8 GB	128 GB SSD	WiFi, 4xUSB, 2xLAN, 2xRS232, audio out	-10°C ~ 60°C
NCS-PX133P-J2/1235U/8/128-HB-R1	13.3", 16:9 (FHD)	1000 cd/m ²	Core i5-1235U	8 GB	128 GB SSD	WiFi, 4xUSB, 2xLAN, 2xRS232, audio out	-10°C ~ 60°C
NCS-PX133P-J2/1235U/8/128-HBWT-R1	13.3", 16:9 (FHD)	1000 cd/m ²	Core i5-1235U	8 GB	128 GB SSD	WiFi, 4xUSB, 2xLAN, 2xRS232, audio out	-20°C ~ 70°C
NCS-PX133P-J2/1235U/8/128-WT-R1	13.3", 16:9 (FHD)	220 cd/m ²	Core i5-1235U	8 GB	128 GB SSD	WiFi, 4xUSB, 2xLAN, 2xRS232, audio out	-20°C ~ 70°C
NCS-PX133P-J2/1255U/8/128-R1	13.3", 16:9 (FHD)	220 cd/m ²	Core i7-1255U	8 GB	128 GB SSD	WiFi, 4xUSB, 2xLAN, 2xRS232, audio out	-10°C ~ 60°C
NCS-PX133P-J2/1255U/8/128-HB-R1	13.3", 16:9 (FHD)	1000 cd/m ²	Core i7-1255U	8 GB	128 GB SSD	WiFi, 4xUSB, 2xLAN, 2xRS232, audio out	-10°C ~ 60°C
NCS-PX133P-J2/1255U/8/128-HBWT-R1	13.3", 16:9 (FHD)	1000 cd/m ²	Core i7-1255U	8 GB	128 GB SSD	WiFi, 4xUSB, 2xLAN, 2xRS232, audio out	-20°C ~ 70°C
NCS-PX133P-J2/1255U/8/128-WT-R1	13.3", 16:9 (FHD)	220 cd/m ²	Core i7-1255U	8 GB	128 GB SSD	WiFi, 4xUSB, 2xLAN, 2xRS232, audio out	-20°C ~ 70°C

NCS-PX156P-J2

advanced industrial-grade 15.6" panel PC designed for reliable operation in demanding environments. Its X86-based design, combined with a rugged cast aluminium chassis and fully enclosed design, provides the highest level of protection and performance. Ideal for industrial automation, military applications, telecommunications and self-service terminals.



front panel mounting



ultra-thin aluminium frame (3 mm)



resolution 1920x1080



contrast 800:1



brightness 300/1000 cd/m²



fanless design



LED backlight



matrix response time 5 ms



10-point capacitive touchscreen



IP65 protection from the front



screen hardness 7 Mohs



power supply 12-36V DC



24/7 continuous operation

Available Configurations

Model	Screen	Brightness	CPU	RAM	Storage	I/O	Temp. Range
NCS-PX156P-J2/1215U/8/128-R1	15.6", 16:9	300 cd/m ²	i3-1215U, 1,2 GHz	8 GB	128 GB SSD	WiFi, 4xUSB, 2xLAN, 2xRS232, 1xSIM, HDMI, VGA, audio in/out	-10°C ~ 60°C
NCS-PX156P-J2/1215U/8/128-HB-R1	15.6", 16:9	1000 cd/m ²	i3-1215U, 1,2 GHz	8 GB	128 GB SSD	WiFi, 4xUSB, 2xLAN, 2xRS232, 1xSIM, HDMI, VGA, audio in/out	-10°C ~ 60°C
NCS-PX156P-J2/1215U/8/128-HBWT-R1	15.6", 16:9	1000 cd/m ²	i3-1215U, 1,2 GHz	8 GB	128 GB SSD	WiFi, 4xUSB, 2xLAN, 2xRS232, 1xSIM, HDMI, VGA, audio in/out	-20°C ~ 70°C
NCS-PX156P-J2/1215U/8/128-WT-R1	15.6", 16:9	300 cd/m ²	i3-1215U, 1,2 GHz	8 GB	128 GB SSD	WiFi, 4xUSB, 2xLAN, 2xRS232, 1xSIM, HDMI, VGA, audio in/out	-20°C ~ 70°C
NCS-PX156P-J2/10110U/8/128-R1	15.6", 16:9	300 cd/m ²	i3-10110U, 2,1 GHz	8 GB	128 GB SSD	WiFi, 4xUSB, 2xLAN, 2xRS232, 1xSIM, HDMI, VGA, audio in/out	-10°C ~ 60°C
NCS-PX156P-J2/8145U/8/128-R1	15.6", 16:9	300 cd/m ²	i3-8145U, 2,1 GHz	8 GB	128 GB SSD	WiFi, 4xUSB, 2xLAN, 2xRS232, 1xSIM, HDMI, VGA, audio in/out	-10°C ~ 60°C
NCS-PX156P-J2/8265U/16/256-R1	15.6", 16:9	300 cd/m ²	i5-8265U, 1,6 GHz	16 GB	256 GB SSD	WiFi, 4xUSB, 2xLAN, 2xRS232, 1xSIM, HDMI, VGA, audio in/out	-10°C ~ 60°C
NCS-PX156P-J2/10210U/16/256-R1	15.6", 16:9	300 cd/m ²	i5-10210U, 1,6 GHz	16 GB	256 GB SSD	WiFi, 4xUSB, 2xLAN, 2xRS232, 1xSIM, HDMI, VGA, audio in/out	-10°C ~ 60°C
NCS-PX156P-J2/1235U/16/256-R1	15.6", 16:9	300 cd/m ²	i5-1235U, 1,3 GHz	16 GB	256 GB SSD	WiFi, 4xUSB, 2xLAN, 2xRS232, 1xSIM, HDMI, VGA, audio in/out	-10°C ~ 60°C
NCS-PX156P-J2/8265U/32/512-R1	15.6", 16:9	300 cd/m ²	i7-8265U, 1,8 GHz	32 GB	512 GB SSD	WiFi, 4xUSB, 2xLAN, 2xRS232, 1xSIM, HDMI, VGA, audio in/out	-10°C ~ 60°C
NCS-PX156P-J2/10510U/32/512-R1	15.6", 16:9	300 cd/m ²	i7-10510U, 1,8 GHz	32 GB	512 GB SSD	WiFi, 4xUSB, 2xLAN, 2xRS232, 1xSIM, HDMI, VGA, audio in/out	-10°C ~ 60°C
NCS-PX156P-J2/1255U/32/512-R1	15.6", 16:9	300 cd/m ²	i7-1255U, 1,7 GHz	32 GB	512 GB SSD	WiFi, 4xUSB, 2xLAN, 2xRS232, 1xSIM, HDMI, VGA, audio in/out	-10°C ~ 60°C

NCS-PX156P-J1

modern 15.6" panel PC designed with aesthetics, performance and reliability in industrial environments in mind. With a rugged cast aluminium housing and IP65 rated front panel, the unit is dust and water resistant. The slim-frame design allows for elegant recessed mounting, allowing the unit to fit perfectly into cabinets and industrial enclosures, emphasising modern design and harmony.



Available Configurations

Model	Screen	Brightness	CPU	RAM	Storage	I/O	Temp. Range
NCS-PX156P-J1/ J6412/8/128/HB-R1	15.6", 16:9	1000 cd/m ²	J6412	8 GB	128 GB SSD	WiFi, 4xUSB, 2xLAN, 2xRS232, 1xSIM, HDMI, VGA, audio in/out	-10°C ~ 60°C
NCS-PX156P-J1/ J6412/8/128/HBWT-R1	15.6", 16:9	1000 cd/m ²	J6412	8 GB	128 GB SSD	WiFi, 4xUSB, 2xLAN, 2xRS232, 1xSIM, HDMI, VGA, audio in/out	-20°C ~ 70°C
NCS-PX156P-J1/ J6412/8/128/WT-R1	15.6", 16:9	300 cd/m ²	J6412	8 GB	128 GB SSD	WiFi, 4xUSB, 2xLAN, 2xRS232, 1xSIM, HDMI, VGA, audio in/out	-20°C ~ 70°C
NCS-PX156P-J1/ J6412/8/128-R1	15.6", 16:9	300 cd/m ²	J6412	8 GB	128 GB SSD	WiFi, 4xUSB, 2xLAN, 2xRS232, 1xSIM, HDMI, VGA, audio in/out	-10°C ~ 60°C
NCS-PX156P-J1/ J6412/8/256-R1	15.6", 16:9	300 cd/m ²	J6412	8 GB	256 GB SSD	WiFi, 4xUSB, 2xLAN, 2xRS232, 1xSIM, HDMI, VGA, audio in/out	-10°C ~ 60°C
NCS-PX156P-J1/ J6412/16/256-R1	15.6", 16:9	300 cd/m ²	J6412	16 GB	256 GB SSD	WiFi, 4xUSB, 2xLAN, 2xRS232, 1xSIM, HDMI, VGA, audio in/out	-10°C ~ 60°C
NCS-PX156P-J1/ J6412/16/512-R1	15.6", 16:9	300 cd/m ²	J6412	16 GB	512 GB SSD	WiFi, 4xUSB, 2xLAN, 2xRS232, 1xSIM, HDMI, VGA, audio in/out	-10°C ~ 60°C



resolution
1920x1080



contrast
800:1



brightness
300/1000 cd/m²



fanless
design



LED
backlight



matrix response
time 5 ms



10-point capacitive
touchscreen



IP65 protection
from the front



ultra-thin
aluminium frame
{2,5 mm}



screen hardness
7 Mohs



24/7 continuous
operation



power supply
12-36V DC



rear panel
mounting



flush installation with
the machine or device
enclosure

NCS-PA156P-J2

advanced 15.6" panel computer designed for the most demanding industrial environments and automation applications. Thanks to its extremely slim panel 3 mm thick panel and IP65 protection, the unit is ideal for installation in cabinets and harsh environments. Based on the RK3568 processor with an embedded NPU with 1 TOPS processing power, it offers exceptional performance in AI applications and support for software development through SDKs.



front panel mounting



ultra-thin aluminium frame (3 mm)



resolution 1920x1080



contrast 800:1



brightness 300/1000 cd/m²



fanless design



LED backlight



matrix response time 5 ms



10-point capacitive touchscreen



IP65 protection from the front



screen hardness 7 Mohs



power supply 12-36V DC



24/7 continuous operation

Available Configurations

Model	Screen	Brightness	CPU	RAM	Storage	I/O	Temp. Range
NCS-PA156P-J2/ RK3588/8/128-R1	15.6", 16:9	300 cd/m ²	RK3588	8 GB	128 GB eMMC	WiFi, 4xUSB, 2xLAN, 2xRS232, 1xHDMI in/out, audio in/out	-10°C ~ 60°C
NCS-PA156P-J2/ RK3588/8/128-HB-R1	15.6", 16:9	1000 cd/m ²	RK3588	8 GB	128 GB eMMC	WiFi, 4xUSB, 2xLAN, 2xRS232, 1xHDMI in/out, audio in/out	-10°C ~ 60°C
NCS-PA156P-J2/ RK3588/8/128-HBWT-R1	15.6", 16:9	1000 cd/m ²	RK3588	8 GB	128 GB eMMC	WiFi, 4xUSB, 2xLAN, 2xRS232, 1xHDMI in/out, audio in/out	-20°C ~ 70°C
NCS-PA156P-J2/ RK3588/8/128-WT-R1	15.6", 16:9	300 cd/m ²	RK3588	8 GB	128 GB eMMC	WiFi, 4xUSB, 2xLAN, 2xRS232, 1xHDMI in/out, audio in/out	-20°C ~ 70°C
NCS-PA156P-J2/ RK3588/16/128-R1	15.6", 16:9	300 cd/m ²	RK3588	16 GB	128 GB eMMC	WiFi, 4xUSB, 2xLAN, 2xRS232, 1xHDMI in/out, audio in/out	-10°C ~ 60°C
NCS-PA156P-J2/ RK3588/16/128-HB-R1	15.6", 16:9	1000 cd/m ²	RK3588	16 GB	128 GB eMMC	WiFi, 4xUSB, 2xLAN, 2xRS232, 1xHDMI in/out, audio in/out	-10°C ~ 60°C
NCS-PA156P-J2/ RK3588/16/128-HBWT-R1	15.6", 16:9	1000 cd/m ²	RK3588	16 GB	128 GB eMMC	WiFi, 4xUSB, 2xLAN, 2xRS232, 1xHDMI in/out, audio in/out	-20°C ~ 70°C
NCS-PA156P-J2/ RK3588/16/128-WT-R1	15.6", 16:9	300 cd/m ²	RK3588	16 GB	128 GB eMMC	WiFi, 4xUSB, 2xLAN, 2xRS232, 1xHDMI in/out, audio in/out	-20°C ~ 70°C

NCS-PX170P-J2

rugged 17" panel PC designed for industrial and automation applications. Made from precision cast aluminium, it offers modern aesthetics, high ruggedness and reliability. With an IP65 front panel and fanless design, it is ideal for harsh environments, providing high performance and flexibility for a variety of industrial applications.



front panel mounting



ultra-thin aluminium frame (3 mm)



resolution 1920x1080



contrast 800:1



brightness 300/1000 cd/m²



fanless design



LED backlight



matrix response time 5 ms



10-point capacitive touchscreen



IP65 protection from the front



screen hardness 7 Mohs



power supply 12-36V DC



24/7 continuous operation

Available Configurations

Model	Screen	Brightness	CPU	RAM	Storage	I/O	Temp. Range
NCS-PX170P-J2/10110U/4/128-R1	17", 5:4	300 cd/m ²	i3-1011U, 2,1 GHz	4 GB	128 GB SSD	WiFi, 4xUSB, 2xLAN, 2xRS232, 1xSIM, HDMI, VGA, audio out	-10°C ~ 60°C
NCS-PX170P-J2/10110U/4/128-HB-R1	17", 5:4	1000 cd/m ²	i3-1011U, 2,1 GHz	4 GB	128 GB SSD	WiFi, 4xUSB, 2xLAN, 2xRS232, 1xSIM, HDMI, VGA, audio out	-10°C ~ 60°C
NCS-PX170P-J2/10110U/4/128-HBWT-R1	17", 5:4	1000 cd/m ²	i3-1011U, 2,1 GHz	4 GB	128 GB SSD	WiFi, 4xUSB, 2xLAN, 2xRS232, 1xSIM, HDMI, VGA, audio out	-20°C ~ 70°C
NCS-PX170P-J2/10110U/4/128-WT-R1	17", 5:4	300 cd/m ²	i3-1011U, 2,1 GHz	4 GB	128 GB SSD	WiFi, 4xUSB, 2xLAN, 2xRS232, 1xSIM, HDMI, VGA, audio out	-20°C ~ 70°C
NCS-PX170P-J2/1215U/8/128-R1	17", 5:4	300 cd/m ²	i3-1215U, 1,2 GHz	8 GB	128 GB SSD	WiFi, 4xUSB, 2xLAN, 2xRS232, 1xSIM, HDMI, VGA, audio out	-10°C ~ 60°C
NCS-PX170P-J2/8145U/8/128-R1	17", 5:4	300 cd/m ²	i3-8145U, 2,1 GHz	8 GB	128 GB SSD	WiFi, 4xUSB, 2xLAN, 2xRS232, 1xSIM, HDMI, VGA, audio out	-10°C ~ 60°C
NCS-PX170P-J2/8265U/16/256-R1	17", 5:4	300 cd/m ²	i5-8265U, 1,6 GHz	16 GB	256 GB SSD	WiFi, 4xUSB, 2xLAN, 2xRS232, 1xSIM, HDMI, VGA, audio out	-10°C ~ 60°C
NCS-PX170P-J2/10210U/16/256-R1	17", 5:4	300 cd/m ²	i5-10210U, 1,6 GHz	16 GB	256 GB SSD	WiFi, 4xUSB, 2xLAN, 2xRS232, 1xSIM, HDMI, VGA, audio out	-10°C ~ 60°C
NCS-PX170P-J2/1235U/16/256-R1	17", 5:4	300 cd/m ²	i5-1235U, 1,3 GHz	16 GB	256 GB SSD	WiFi, 4xUSB, 2xLAN, 2xRS232, 1xSIM, HDMI, VGA, audio out	-10°C ~ 60°C
NCS-PX170P-J2/8265U/32/512-R1	17", 5:4	300 cd/m ²	i7-8265U, 1,8 GHz	32 GB	512 GB SSD	WiFi, 4xUSB, 2xLAN, 2xRS232, 1xSIM, HDMI, VGA, audio out	-10°C ~ 60°C
NCS-PX170P-J2/10510U/32/512-R1	17", 5:4	300 cd/m ²	i7-10510U, 1,8 GHz	32 GB	512 GB SSD	WiFi, 4xUSB, 2xLAN, 2xRS232, 1xSIM, HDMI, VGA, audio out	-10°C ~ 60°C
NCS-PX170P-J2/1255U/32/512-R1	17", 5:4	300 cd/m ²	i7-1255U, 1,7 GHz	32 GB	512 GB SSD	WiFi, 4xUSB, 2xLAN, 2xRS232, 1xSIM, HDMI, VGA, audio out	-10°C ~ 60°C

NCS-PX185P-J2-J

advanced 18.5" panel PC designed for versatile industrial and automation applications. Its slim 3 mm bezel and hole-mount design allow for easy installation. It uses a proprietary industrial-grade motherboard, offering reliability, performance and ruggedness in harsh environments. Ideal for machinery, factories, education, transportation, healthcare, energy management and robotics.



front panel mounting



ultra-thin aluminium frame (3 mm)



resolution 1920x1080



contrast 1000:1



brightness 300/1000 cd/m²



fanless design



LED backlight



matrix response time 5 ms



10-point capacitive touchscreen



IP65 protection from the front



screen hardness 7 Mohs



power supply 12-36V DC



24/7 continuous operation

Available Configurations

Model	Screen	Brightness	CPU	RAM	Storage	I/O	Temp. Range
NCS-PX185P-J2/J6412/8/128-R1	18.5", 16:9	300 cd/m ²	J6412, 2,0 GHz	8 GB	128 GB SSD	WiFi, 4xUSB, 2xLAN, 1xRS232, 1xSIM, HDMI, VGA, audio I/O	-10°C ~ 60°C
NCS-PX185P-J2/J6412/8/128-HB-R1	18.5", 16:9	1000 cd/m ²	J6412, 2,0 GHz	8 GB	128 GB SSD	WiFi, 4xUSB, 2xLAN, 1xRS232, 1xSIM, HDMI, VGA, audio I/O	-10°C ~ 60°C
NCS-PX185P-J2/J6412/8/128-HBWT-R1	18.5", 16:9	1000 cd/m ²	J6412, 2,0 GHz	8 GB	128 GB SSD	WiFi, 4xUSB, 2xLAN, 1xRS232, 1xSIM, HDMI, VGA, audio I/O	-20°C ~ 70°C
NCS-PX185P-J2/J6412/8/128-WT-R1	18.5", 16:9	300 cd/m ²	J6412, 2,0 GHz	8 GB	128 GB SSD	WiFi, 4xUSB, 2xLAN, 1xRS232, 1xSIM, HDMI, VGA, audio I/O	-20°C ~ 70°C
NCS-PX185P-J2/J6412/8/256-R1	18.5", 16:9	300 cd/m ²	J6412, 2,0 GHz	8 GB	256 GB SSD	WiFi, 4xUSB, 2xLAN, 1xRS232, 1xSIM, HDMI, VGA, audio I/O	-10°C ~ 60°C
NCS-PX185P-J2/J6412/8/256-HB-R1	18.5", 16:9	1000 cd/m ²	J6412, 2,0 GHz	8 GB	256 GB SSD	WiFi, 4xUSB, 2xLAN, 1xRS232, 1xSIM, HDMI, VGA, audio I/O	-10°C ~ 60°C
NCS-PX185P-J2/J6412/8/256-HBWT-R1	18.5", 16:9	1000 cd/m ²	J6412, 2,0 GHz	8 GB	256 GB SSD	WiFi, 4xUSB, 2xLAN, 1xRS232, 1xSIM, HDMI, VGA, audio I/O	-20°C ~ 70°C
NCS-PX185P-J2/J6412/8/256-WT-R1	18.5", 16:9	300 cd/m ²	J6412, 2,0 GHz	8 GB	256 GB SSD	WiFi, 4xUSB, 2xLAN, 1xRS232, 1xSIM, HDMI, VGA, audio I/O	-20°C ~ 70°C
NCS-PX185P-J2/J6412/16/256-R1	18.5", 16:9	300 cd/m ²	J6412, 2,0 GHz	16 GB	256 GB SSD	WiFi, 4xUSB, 2xLAN, 1xRS232, 1xSIM, HDMI, VGA, audio I/O	-10°C ~ 60°C
NCS-PX185P-J2/J6412/16/256-HB-R1	18.5", 16:9	1000 cd/m ²	J6412, 2,0 GHz	16 GB	256 GB SSD	WiFi, 4xUSB, 2xLAN, 1xRS232, 1xSIM, HDMI, VGA, audio I/O	-10°C ~ 60°C
NCS-PX185P-J2/J6412/16/256-HBWT-R1	18.5", 16:9	1000 cd/m ²	J6412, 2,0 GHz	16 GB	256 GB SSD	WiFi, 4xUSB, 2xLAN, 1xRS232, 1xSIM, HDMI, VGA, audio I/O	-20°C ~ 70°C
NCS-PX185P-J2/J6412/16/256-WT-R1	18.5", 16:9	300 cd/m ²	J6412, 2,0 GHz	16 GB	256 GB SSD	WiFi, 4xUSB, 2xLAN, 1xRS232, 1xSIM, HDMI, VGA, audio I/O	-20°C ~ 70°C
NCS-PX185P-J2/J6412/16/512-R1	18.5", 16:9	300 cd/m ²	J6412, 2,0 GHz	16 GB	512 GB SSD	WiFi, 4xUSB, 2xLAN, 1xRS232, 1xSIM, HDMI, VGA, audio I/O	-10°C ~ 60°C
NCS-PX185P-J2/J6412/16/512-HB-R1	18.5", 16:9	1000 cd/m ²	J6412, 2,0 GHz	16 GB	512 GB SSD	WiFi, 4xUSB, 2xLAN, 1xRS232, 1xSIM, HDMI, VGA, audio I/O	-10°C ~ 60°C
NCS-PX185P-J2/J6412/16/512-HBWT-R1	18.5", 16:9	1000 cd/m ²	J6412, 2,0 GHz	16 GB	512 GB SSD	WiFi, 4xUSB, 2xLAN, 1xRS232, 1xSIM, HDMI, VGA, audio I/O	-20°C ~ 70°C
NCS-PX185P-J2/J6412/16/512-WT-R1	18.5", 16:9	300 cd/m ²	J6412, 2,0 GHz	16 GB	512 GB xSSD	WiFi, 4xUSB, 2xLAN, 1xRS232, 1xSIM, HDMI, VGA, audio I/O	-20°C ~ 70°C

NCS-PX185P-J2-I

advanced 18.5" panel PC designed for versatile industrial and automation applications. Its slim 3 mm bezel and hole-mount design allow for easy installation. It uses a proprietary industrial-grade motherboard, offering reliability, performance and ruggedness in harsh environments. Ideal for machinery, factories, education, transportation, healthcare, energy management and robotics.



front panel mounting



ultra-thin aluminium frame (3 mm)



resolution 1920x1080



contrast 1000:1



brightness 300/1000 cd/m²



fanless design



LED backlight



matrix response time 5 ms



10-point capacitive touchscreen



IP65 protection from the front



screen hardness 7 Mohs



power supply 12-36V DC



24/7 continuous operation

Available Configurations

Model	Screen	Brightness	CPU	RAM	Storage	I/O	Temp. Range
NCS-PX185P-J2/1255U/8/128-R1	18.5", 16:9	300 cd/m ²	i7-1255U 1,7 GHz	8 GB	128 GB SSD	WiFi, 4xUSB, 2xLAN, 1xRS232, 1xSIM, HDMI, VGA, audio I/O	-10°C ~ 60°C
NCS-PX185P-J2/1255U/8/128-HB-R1	18.5", 16:9	1000 cd/m ²	i7-1255U 1,7 GHz	8 GB	128 GB SSD	WiFi, 4xUSB, 2xLAN, 1xRS232, 1xSIM, HDMI, VGA, audio I/O	-10°C ~ 60°C
NCS-PX185P-J2/1255U/8/128-HBWT-R1	18.5", 16:9	1000 cd/m ²	i7-1255U 1,7 GHz	8 GB	128 GB SSD	WiFi, 4xUSB, 2xLAN, 1xRS232, 1xSIM, HDMI, VGA, audio I/O	-20°C ~ 70°C
NCS-PX185P-J2/1255U/8/128-WT-R1	18.5", 16:9	300 cd/m ²	i7-1255U 1,7 GHz	8 GB	128 GB SSD	WiFi, 4xUSB, 2xLAN, 1xRS232, 1xSIM, HDMI, VGA, audio I/O	-20°C ~ 70°C
NCS-PX185P-J2/8265U/32/512-R1	18.5", 16:9	300 cd/m ²	i7-8265U, 1,8 GHz	32 GB	512 GB SSD	WiFi, 4xUSB, 2xLAN, 1xRS232, 1xSIM, HDMI, VGA, audio I/O	-10°C ~ 60°C
NCS-PX185P-J2/10510U/32/512-R1	18.5", 16:9	300 cd/m ²	i7-10510U, 1,8 GHz	32 GB	512 GB SSD	WiFi, 4xUSB, 2xLAN, 1xRS232, 1xSIM, HDMI, VGA, audio I/O	-10°C ~ 60°C
NCS-PX185P-J2/8265U/16/256-R1	18.5", 16:9	300 cd/m ²	i5-8265U, 1,6 GHz	16 GB	256 GB SSD	WiFi, 4xUSB, 2xLAN, 1xRS232, 1xSIM, HDMI, VGA, audio I/O	-10°C ~ 60°C
NCS-PX185P-J2/10210U/16/256-R1	18.5", 16:9	300 cd/m ²	i5-10210U, 1,6 GHz	16 GB	256 GB SSD	WiFi, 4xUSB, 2xLAN, 1xRS232, 1xSIM, HDMI, VGA, audio I/O	-10°C ~ 60°C
NCS-PX185P-J2/1235U/16/256-R1	18.5", 16:9	300 cd/m ²	i5-1235U, 1,3 GHz	16 GB	256 GB SSD	WiFi, 4xUSB, 2xLAN, 1xRS232, 1xSIM, HDMI, VGA, audio I/O	-10°C ~ 60°C
NCS-PX185P-J2/1215U/8/128-R1	18.5", 16:9	300 cd/m ²	i3-1215U, 1,2 GHz	8 GB	128 GB SSD	WiFi, 4xUSB, 2xLAN, 1xRS232, 1xSIM, HDMI, VGA, audio I/O	-10°C ~ 60°C
NCS-PX185P-J2/8145U/8/128-R1	18.5", 16:9	300 cd/m ²	i3-8145U, 2,1 GHz	8 GB	128 GB SSD	WiFi, 4xUSB, 2xLAN, 1xRS232, 1xSIM, HDMI, VGA, audio I/O	-10°C ~ 60°C
NCS-PX185P-J2/10110U/8/128-R1	18.5", 16:9	300 cd/m ²	i3-10110U, 2,1 GHz	8 GB	128 GB SSD	WiFi, 4xUSB, 2xLAN, 1xRS232, 1xSIM, HDMI, VGA, audio I/O	-10°C ~ 60°C

NCS-PX215P-J2-J

versatile panel PC with a large 21.5" screen for advanced industrial applications. The aluminium housing and built-in IP65 protection ensure reliability in harsh environments. Thanks to its high performance and extensive interfaces, the device is suitable for sectors such as automation, education, transport or energy management systems.



front panel mounting



ultra-thin aluminium frame (3 mm)



resolution 1920x1080



contrast 1000:1



brightness 300/1000 cd/m²



fanless design



LED backlight



matrix response time 5 ms



10-point capacitive touchscreen



IP65 protection from the front



screen hardness 7 Mohs



power supply 12-36V DC



24/7 continuous operation

Available Configurations

Model	Screen	Brightness	CPU	RAM	Storage	I/O	Temp. Range
NCS-PX215P-J2/J6412/8/128-R1	21,5", 16:9	300 cd/m ²	J6412, 2,0 GHz	8 GB	128 GB SSD	WiFi, 4xUSB, 2xLAN, 1xRS232, 1xSIM, HDMI, VGA, audio I/O	-10°C ~ 60°C
NCS-PX215P-J2/J6412/8/128-HB-R1	21,5", 16:9	1000 cd/m ²	J6412, 2,0 GHz	8 GB	128 GB SSD	WiFi, 4xUSB, 2xLAN, 1xRS232, 1xSIM, HDMI, VGA, audio I/O	-10°C ~ 60°C
NCS-PX215P-J2/J6412/8/128-HBWT-R1	21,5", 16:9	1000 cd/m ²	J6412, 2,0 GHz	8 GB	128 GB SSD	WiFi, 4xUSB, 2xLAN, 1xRS232, 1xSIM, HDMI, VGA, audio I/O	-20°C ~ 70°C
NCS-PX215P-J2/J6412/8/128-WT-R1	21,5", 16:9	300 cd/m ²	J6412, 2,0 GHz	8 GB	128 GB SSD	WiFi, 4xUSB, 2xLAN, 1xRS232, 1xSIM, HDMI, VGA, audio I/O	-20°C ~ 70°C
NCS-PX215P-J2/J6412/8/256-R1	21,5", 16:9	300 cd/m ²	J6412, 2,0 GHz	8 GB	256 GB SSD	WiFi, 4xUSB, 2xLAN, 1xRS232, 1xSIM, HDMI, VGA, audio I/O	-10°C ~ 60°C
NCS-PX215P-J2/J6412/8/256-HB-R1	21,5", 16:9	1000 cd/m ²	J6412, 2,0 GHz	8 GB	256 GB SSD	WiFi, 4xUSB, 2xLAN, 1xRS232, 1xSIM, HDMI, VGA, audio I/O	-10°C ~ 60°C
NCS-PX215P-J2/J6412/8/256-HBWT-R1	21,5", 16:9	1000 cd/m ²	J6412, 2,0 GHz	8 GB	256 GB SSD	WiFi, 4xUSB, 2xLAN, 1xRS232, 1xSIM, HDMI, VGA, audio I/O	-20°C ~ 70°C
NCS-PX215P-J2/J6412/8/256-WT-R1	21,5", 16:9	300 cd/m ²	J6412, 2,0 GHz	8 GB	256 GB SSD	WiFi, 4xUSB, 2xLAN, 1xRS232, 1xSIM, HDMI, VGA, audio I/O	-20°C ~ 70°C
NCS-PX215P-J2/J6412/16/256-R1	21,5", 16:9	300 cd/m ²	J6412, 2,0 GHz	16 GB	256 GB SSD	WiFi, 4xUSB, 2xLAN, 1xRS232, 1xSIM, HDMI, VGA, audio I/O	-10°C ~ 60°C
NCS-PX215P-J2/J6412/16/256-HB-R1	21,5", 16:9	1000 cd/m ²	J6412, 2,0 GHz	16 GB	256 GB SSD	WiFi, 4xUSB, 2xLAN, 1xRS232, 1xSIM, HDMI, VGA, audio I/O	-10°C ~ 60°C
NCS-PX215P-J2/J6412/16/256-HBWT-R1	21,5", 16:9	1000 cd/m ²	J6412, 2,0 GHz	16 GB	256 GB SSD	WiFi, 4xUSB, 2xLAN, 1xRS232, 1xSIM, HDMI, VGA, audio I/O	-20°C ~ 70°C
NCS-PX215P-J2/J6412/16/256-WT-R1	21,5", 16:9	300 cd/m ²	J6412, 2,0 GHz	16 GB	256 GB SSD	WiFi, 4xUSB, 2xLAN, 1xRS232, 1xSIM, HDMI, VGA, audio I/O	-20°C ~ 70°C
NCS-PX215P-J2/J6412/16/512-R1	21,5", 16:9	300 cd/m ²	J6412, 2,0 GHz	16 GB	512GB SSD	WiFi, 4xUSB, 2xLAN, 1xRS232, 1xSIM, HDMI, VGA, audio I/O	-10°C ~ 60°C
NCS-PX215P-J2/J6412/16/512-HB-R1	21,5", 16:9	1000 cd/m ²	J6412, 2,0 GHz	16 GB	512GB SSD	WiFi, 4xUSB, 2xLAN, 1xRS232, 1xSIM, HDMI, VGA, audio I/O	-10°C ~ 60°C
NCS-PX215P-J2/J6412/16/512-HBWT-R1	21,5", 16:9	1000 cd/m ²	J6412, 2,0 GHz	16 GB	512GB SSD	WiFi, 4xUSB, 2xLAN, 1xRS232, 1xSIM, HDMI, VGA, audio I/O	-20°C ~ 70°C
NCS-PX215P-J2/J6412/16/512-WT-R1	21,5", 16:9	300 cd/m ²	J6412, 2,0 GHz	16 GB	512GB SSD	WiFi, 4xUSB, 2xLAN, 1xRS232, 1xSIM, HDMI, VGA, audio I/O	-20°C ~ 70°C

NCS-PX215P-J2-I

versatile panel PC with a large 21.5" screen for advanced industrial applications. The aluminium housing and built-in IP65 protection ensure reliability in harsh environments. Thanks to its high performance and extensive interfaces, the device is suitable for sectors such as automation, education, transport or energy management systems.



front panel mounting



ultra-thin aluminium frame (3 mm)



resolution 1920x1080



contrast 1000:1



brightness 300/1000 cd/m²



fanless design



LED backlight



matrix response time 5 ms



10-point capacitive touchscreen



IP65 protection from the front



screen hardness 7 Mohs



power supply 12-36V DC



24/7 continuous operation

Available Configurations

Model	Screen	Brightness	CPU	RAM	Storage	I/O	Temp. Range
NCS-PX215P-J2/1215U/8/128-R1	21,5", 16:9	300 cd/m ²	i3-1215U, 1,2 GHz	8 GB	128 GB SSD	WiFi, 4xUSB, 2xLAN, 1xRS232, 1xSIM, HDMI, VGA, audio I/O	-10°C ~ 60°C
NCS-PX215P-J2/1215U/8/128-HB-R1	21,5", 16:9	1000 cd/m ²	i3-1215U, 1,2 GHz	8 GB	128 GB SSD	WiFi, 4xUSB, 2xLAN, 1xRS232, 1xSIM, HDMI, VGA, audio I/O	-10°C ~ 60°C
NCS-PX215P-J2/1215U/8/128-HBWT-R1	21,5", 16:9	1000 cd/m ²	i3-1215U, 1,2 GHz	8 GB	128 GB SSD	WiFi, 4xUSB, 2xLAN, 1xRS232, 1xSIM, HDMI, VGA, audio I/O	-20°C ~ 70°C
NCS-PX215P-J2/1215U/8/128-WT-R1	21,5", 16:9	300 cd/m ²	i3-1215U, 1,2 GHz	8 GB	128 GB SSD	WiFi, 4xUSB, 2xLAN, 1xRS232, 1xSIM, HDMI, VGA, audio I/O	-20°C ~ 70°C
NCS-PX215P-J2/8145U/8/128-R1	21,5", 16:9	300 cd/m ²	i3-8145U, 2,1 GHz	8 GB	128 GB SSD	WiFi, 4xUSB, 2xLAN, 1xRS232, 1xSIM, HDMI, VGA, audio I/O	-10°C ~ 60°C
NCS-PX215P-J2/10110U/8/128-R1	21,5", 16:9	300 cd/m ²	i3-10110U, 2,1 GHz	8 GB	128 GB SSD	WiFi, 4xUSB, 2xLAN, 1xRS232, 1xSIM, HDMI, VGA, audio I/O	-10°C ~ 60°C
NCS-PX215P-J2/8265U/16/256-R1	21,5", 16:9	300 cd/m ²	i5-8265U, 1,6 GHz	16 GB	256 GB SSD	WiFi, 4xUSB, 2xLAN, 1xRS232, 1xSIM, HDMI, VGA, audio I/O	-10°C ~ 60°C
NCS-PX215P-J2/10210U/16/256-R1	21,5", 16:9	300 cd/m ²	i5-10210U, 1,6 GHz	16 GB	256 GB SSD	WiFi, 4xUSB, 2xLAN, 1xRS232, 1xSIM, HDMI, VGA, audio I/O	-10°C ~ 60°C
NCS-PX215P-J2/1235U/16/256-R1	21,5", 16:9	300 cd/m ²	i5-1235U, 1,3 GHz	16 GB	256 GB SSD	WiFi, 4xUSB, 2xLAN, 1xRS232, 1xSIM, HDMI, VGA, audio I/O	-10°C ~ 60°C
NCS-PX215P-J2/8265U/32/512-R1	21,5", 16:9	300 cd/m ²	i7-8265U, 1,8 GHz	32 GB	512 GB SSD	WiFi, 4xUSB, 2xLAN, 1xRS232, 1xSIM, HDMI, VGA, audio I/O	-10°C ~ 60°C
NCS-PX215P-J2/10510U/32/512-R1	21,5", 16:9	300 cd/m ²	i7-10510U, 1,8 GHz	32 GB	512 GB SSD	WiFi, 4xUSB, 2xLAN, 1xRS232, 1xSIM, HDMI, VGA, audio I/O	-10°C ~ 60°C
NCS-PX215P-J2/1255U/32/512-R1	21,5", 16:9	300 cd/m ²	i7-1255U, 1,7 GHz	32 GB	512 GB SSD	WiFi, 4xUSB, 2xLAN, 1xRS232, 1xSIM, HDMI, VGA, audio I/O	-10°C ~ 60°C

Embedded Computers (embedded BOX)



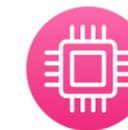
- > Continuous 24/7 operation
- > Resistance to low and high temperatures
- > Platforms for Windows, Linux, Android
- > Simple designs with extended functionality
- > Budget-friendly designs – an industrial alternative to consumer solutions

NCS-B-J/1215U

highly advanced, compact embedded computer designed for demanding environments. With its aluminum construction, fanless chassis and support for a wide range of power supply voltages (12V~36V), the device features reliability, ruggedness and low power consumption. Ideal for industrial, military, telecommunications, automation and other applications.



compact size



reliable architecture



fully enclosed housing



fanless design



various connectivity options



wide range of interfaces



high durability



flexible mounting

Available Configurations

Model	CPU	RAM	Storage	I/O	Power Supply	RoHS	Temp. Range
NCS-B-J/1215U/8/256-R1	i3-1215U, 1.2 GHz	8 GB DDR4	256 GB SSD	2 x LAN, 1 x HDMI, 1 x VGA, 1 x SIM, 6 x USB	24V	✓	-10°C ~ 60°C
NCS-B-J/1215U/8/256-WT-R1	i3-1215U, 1.2 GHz	8 GB DDR4	256 GB SSD	2 x LAN, 1 x HDMI, 1 x VGA, 1 x SIM, 6 x USB	24V	✓	-20°C ~ 70°C
NCS-B-J/1235U/8/256-R1	i5-1235U, 1.3 GHz	8 GB DDR4	256 GB SSD	2 x LAN, 1 x HDMI, 1 x VGA, 1 x SIM, 6 x USB	24V	✓	-10°C ~ 60°C
NCS-B-J/1235U/8/256-WT-R1	i5-1235U, 1.3 GHz	8 GB DDR4	256 GB SSD	2 x LAN, 1 x HDMI, 1 x VGA, 1 x SIM, 6 x USB	24V	✓	-20°C ~ 70°C
NCS-B-J/1255U/8/256-R1	i7-1255U, 1.7 GHz	8 GB DDR4	256 GB SSD	2 x LAN, 1 x HDMI, 1 x VGA, 1 x SIM, 6 x USB	24V	✓	-10°C ~ 60°C
NCS-B-J/1255U/8/256-WT-R1	i7-1255U, 1.7 GHz	8 GB DDR4	256 GB SSD	2 x LAN, 1 x HDMI, 1 x VGA, 1 x SIM, 6 x USB	24V	✓	-20°C ~ 70°C

NCS-B-J/J6412

highly advanced, compact embedded computer designed for demanding environments. With its aluminum construction, fanless chassis and support for a wide range of power supply voltages (12V~36V), the device features reliability, ruggedness and low power consumption. Ideal for industrial, military, telecommunications, automation and other applications.

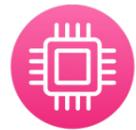


NCS-B-J/RK3588

advanced Android-based mini PC, ideal for industrial applications and automation applications. Its fully enclosed, fanless aluminum design ensures reliability and energy efficiency. Equipped with an 8-core RK3588 processor and an integrated NPU with 6TOPS performance, it supports the development of lightweight AI applications and integration with various external devices. Rich interfaces and expandability make it a perfect solution for many industries.



compact size



reliable architecture



fully enclosed housing



fanless design



various connectivity options



wide range of interfaces



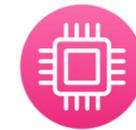
high durability



flexible mounting



compact size



reliable architecture



fully enclosed housing



fanless design



various connectivity options



wide range of interfaces



high durability



flexible mounting

Available Configurations

Model	CPU	RAM	Storage	I/O	Power Supply	RoHS	Temp. Range
NCS-B-J/6412/8/256-R1	Intel Core J6412, 2 GHz	8 GB DDR4	256 GB SSD	2 x LAN, 1 x HDMI	24V	✓	-10°C ~ 60°C
NCS-B-J/6412/8/256-WT-R1	Intel Core J6412, 2 GHz	8 GB DDR4	256 GB SSD	2 x LAN, 1 x HDMI	24V	✓	-20°C ~ 70°C

Available Configurations

Model	CPU	RAM	Storage	I/O	Power Supply	RoHS	Temp. Range
NCS-B-J/RK3588/8/64-R1	RK3588, 2,4 GHz	8 GB DDR4	64 GB eMMC	2 x LAN, 1 x HDMI	DC 12V~36V	✓	-10°C ~ 60°C
NCS-B-J/RK3588/8/64-WT-R1	RK3588, 2,4 GHz	8 GB DDR4	64 GB eMMC	2 x LAN, 1 x HDMI	DC 12V~36V	✓	-20°C ~ 70°C

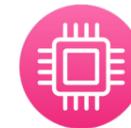
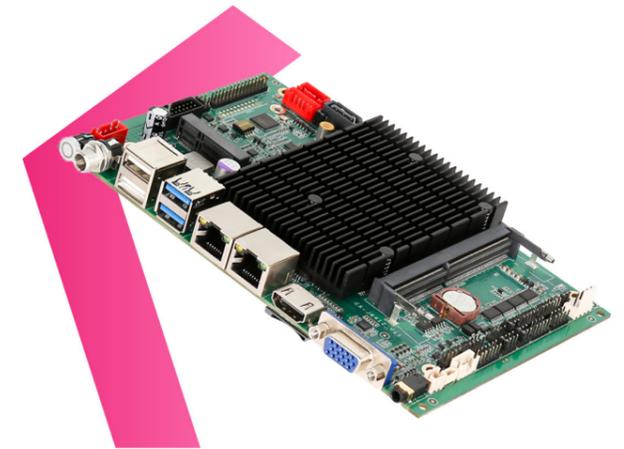
Single Board Computers (SBC)



- > Design facilitating mechanical integration
- > Expansion ports
- > Platforms for Windows, Android, Linux
- > Passive cooling
- > Designed for operation in low and high temperatures
- > Cost-effective solutions – an industrial alternative to consumer devices

NCS-S-J/J6412

state-of-the-art motherboard designed for superior performance, reliability and versatility. Featuring the Intel® Celeron® J6412 processor and a wide range of functional interfaces, it will suit a variety of applications, from intelligent self-service terminals to industrial automation systems. Advanced manufacturing technology (10 nm) and the absence of a fan ensure stable operation in harsh environments, while minimising maintenance costs.



Intel Celeron J6412 processor quad-core, 2 GHz



supports up to 16 GB DDR4 memory



wide input voltage range 12–36 V



built-in VGA/HDMI interface and eDP port



dual display support



built-in mini PCIe port



extensive expansion interfaces

Available Configurations

Model	CPU	Storage	I/O	Expansions	Display Output	Power Supply	Temp. Range
NCS-B-J/6412/8/256-R1	Intel Celeron J6412 quad Core, 2 GHz	SATA 3.0, mSATA	6 x COM, 4 x USB	mini PCIe	VGA/HDMI, eDP, dual LVDS	12 ~ 36 VDC	-20°C ~ 60°C

Industrial Monitors



- > Increased brightness for outdoor sunlight operation
- > Screen glass thickness up to 4 mm (vandal-resistant)
- > Resistance to low and high temperatures
- > Front-facing IP65 protection
- > VESA, wall-mounted, or panel installation – from the front or rear of the console

NCS-M101P-J2

advanced 10.1" touch panel with a robust design that combines durability, functionality and aesthetics in an ultra-thin aluminium housing. The unit features a fanless design, sealed construction and low power consumption, making it ideal for use in harsh industrial environments. The use of a proprietary display control board and a wide range of interfaces allows for versatile use in applications such as industrial automation, communications, military, power generation or intelligent self-service terminals.



resolution
1280×800



contrast
1000:1



brightness
300/1000 cd/m²



fanless
design



LED
backlight



matrix response
time 5 ms



10-point capacitive
touchscreen



IP65 protection
from the front



ultracienka
alumiuniowa ramka
(3 mm)



screen hardness
7 Mohs



24/7 continuous
operation



power supply
12-36V DC

Available Configurations

Model	Display	Brightness	Protection Rating	Touch Technology	Power Supply	Temp. Range
NCS-M101P-J2-R1	10.1", 16:10, 1280:800	300 cd/m ²	IP65	Capacitive Touchscreen	12-36 VDC	-10°C ~ 60°C
NCS-M101P-J2-HB-R1	10.1", 16:10, 1280:800	1000 cd/m ²	IP65	Capacitive Touchscreen	12-36 VDC	-10°C ~ 60°C
NCS-M101P-J2-HBWT-R1	10.1", 16:10, 1280:800	1000 cd/m ²	IP65	Capacitive Touchscreen	12-36 VDC	-20°C ~ 70°C
NCS-M101P-J2-WT-R1	10.1", 16:10, 1280:800	300 cd/m ²	IP65	Capacitive Touchscreen	12-36 VDC	-20°C ~ 70°C

NCS-M116P-J1

professional 11.6" industrial panel designed for the highest standards of technology and reliability. Its unique aluminium construction, compliance with IP65 protection standards and advanced features make the product ideal for demanding industrial environments. This unit combines elegance, functionality and durability, enhancing the modern character of any installation.



NCS-M12P-J19

advanced 12" touch panel designed for demanding industrial environments and applications in automation. Featuring a thin aluminum frame of just 2.5 mm and an IP65-rated front panel, the device perfectly combines aesthetics with ruggedness. With support for a wide range of interfaces and compatibility with 99% of industrial software, the panel is an ideal choice for applications in control cabinets and embedded systems.



resolution
1920x1080



contrast
1000:1



brightness
300/1000 cd/m²



fanless
design



LED
backlight



matrix response
time 5 ms



10-point capacitive
touchscreen



IP65 protection
from the front



ultra-thin
aluminium frame
{2,5 mm}



screen hardness
7 Mohs



24/7 continuous
operation



power supply
12-36V DC



resolution
1024x768



contrast
1000:1



brightness
500 cd/m²



fanless
design



LED
backlight



matrix response
time 5 ms



10-point capacitive
touchscreen



IP65 protection
from the front



ultra-thin
aluminium frame
{2,5 mm}



screen hardness
7 Mohs



24/7 continuous
operation



power supply
12-36V DC

Available Configurations

Model	Display	Brightness	Protection Rating	Touch Technology	Power Supply	Temp. Range
NCS-M116P-J1-R1	11.6", 16:9, 1920:1080	300 cd/m ²	IP65	Capacitive Touchscreen	12-36 VDC	-10°C ~ 60°C
NCS-M116P-J1-HB-R1	11.6", 16:9, 1920:1080	1000 cd/m ²	IP65	Capacitive Touchscreen	12-36 VDC	-10°C ~ 60°C
NCS-M116P-J1-HBWT-R1	11.6", 16:9, 1920:1080	1000 cd/m ²	IP65	Capacitive Touchscreen	12-36 VDC	-20°C ~ 70°C
NCS-M116P-J1-WT-R1	11.6", 16:9, 1920:1080	300 cd/m ²	IP65	Capacitive Touchscreen	12-36 VDC	-20°C ~ 70°C

Available Configurations

Model	Display	Brightness	Protection Rating	Touch Technology	Power Supply	Temp. Range
NCS-M12P-J19-R1	12", 4:3, 1024:768	500 cd/m ²	IP65	Capacitive Touchscreen	12-36 VDC	-10°C ~ 60°C
NCS-M12P-J19-HB-R1	12", 4:3, 1024:768	1000 cd/m ²	IP65	Capacitive Touchscreen	12-36 VDC	-10°C ~ 60°C
NCS-M12P-J19-HBWT-R1	12", 4:3, 1024:768	1000 cd/m ²	IP65	Capacitive Touchscreen	12-36 VDC	-20°C ~ 70°C
NCS-M12P-J19-WT-R1	12", 4:3, 1024:768	500 cd/m ²	IP65	Capacitive Touchscreen	12-36 VDC	-20°C ~ 70°C

NCS-M156P-J19

advanced 15.6" touch panel designed for use in harsh industrial environments. It features a slim design with a 2.5 mm thick aluminium frame for aesthetically pleasing and seamless installation in control cabinets. The IP65-rated front panel provides resistance to water and dust, and the robust design meets industrial standards for resistance to vibration and electromagnetic interference.



NCS-M185P-J19

advanced 18.5" industrial panel designed for integration into control cabinets. Its high-quality aluminium alloy construction, IP65 compliance and extensive configuration options make it ideal for demanding industrial environments. With its ultra-thin 2.5 mm edge panel and seamless recessed installation, the unit combines aesthetics and functionality, harmonising with advanced industrial technology.



- resolution 1920x1080
- contrast 800:1
- brightness 300/1000 cd/m²
- fanless design
- LED backlight
- matrix response time 5 ms
- 10-point capacitive touchscreen
- IP65 protection from the front
- ultra-thin aluminium frame (2,5 mm)
- screen hardness 7 Mohs
- 24/7 continuous operation
- power supply 12-36V DC

- resolution 1920x1080
- contrast 1000:1
- brightness 300/1000 cd/m²
- fanless design
- LED backlight
- matrix response time 5 ms
- 10-point capacitive touchscreen
- IP65 protection from the front
- ultra-thin aluminium frame (2,5 mm)
- screen hardness 7 Mohs
- 24/7 continuous operation
- power supply 12-36V DC

Available Configurations

Model	Display	Brightness	Protection Rating	Touch Technology	Power Supply	Temp. Range
NCS-M156P-J19-R1	15.6", 16:9, 1920:1080	300 cd/m ²	IP65	Capacitive Touchscreen	12-36 VDC	-10°C ~ 60°C
NCS-M156P-J19-HB-R1	15.6", 16:9, 1920:1080	1000 cd/m ²	IP65	Capacitive Touchscreen	12-36 VDC	-10°C ~ 60°C
NCS-M156P-J19-HBWT-R1	15.6", 16:9, 1920:1080	1000 cd/m ²	IP65	Capacitive Touchscreen	12-36 VDC	-20°C ~ 70°C
NCS-M156P-J19-WT-R1	15.6", 16:9, 1920:1080	300 cd/m ²	IP65	Capacitive Touchscreen	12-36 VDC	-20°C ~ 70°C

Available Configurations

Model	Display	Brightness	Protection Rating	Touch Technology	Power Supply	Temp. Range
NCS-M185P-J19-R1	18.5", 16:9, 1920:1080	300 cd/m ²	IP65	Capacitive Touchscreen	12-36 VDC	-10°C ~ 60°C
NCS-M185P-J19-HB-R1	18.5", 16:9, 1920:1080	1000 cd/m ²	IP65	Capacitive Touchscreen	12-36 VDC	-10°C ~ 60°C
NCS-M185P-J19-HBWT-R1	18.5", 16:9, 1920:1080	1000 cd/m ²	IP65	Capacitive Touchscreen	12-36 VDC	-20°C ~ 70°C
NCS-M185P-J19-WT-R1	18.5", 16:9, 1920:1080	300 cd/m ²	IP65	Capacitive Touchscreen	12-36 VDC	-20°C ~ 70°C

Our Development Path

We continuously work on expanding our offer, responding to market needs and the requirements of our clients.



Current Offer

- > Fanless Panel PCs,
- > Embedded Computers (embedded BOX),
- > Single Board Computers (SBC),
- > Industrial Monitors



Coming Soon: RACK Computers

Industrial units for demanding applications, designed for installation in RACK cabinets. Their functionality can be flexibly and extensively expanded thanks to additional expansion ports.



Coming Soon: Rugged Industrial Tablets

Devices resistant to industrial conditions and mechanically durable, designed for immediate monitoring and system communication for maintenance staff and management personnel.



New Product Lines

Further innovations and hardware categories aligned with market and client needs.

Your Needs Matter

Do you have suggestions or specific requirements? Share them with us – they help us create solutions perfectly tailored to your projects.

Custom Solutions

Many products in our offer can be customized to your needs, including:

- > Expanded RAM memory
- > Increased SSD storage capacity
- > Additional interfaces and functions
- > Use of a high-brightness screen
- > Choice of touchscreen type (resistive or capacitive)
- > Enhanced durability (e.g., vandal resistance)





Modern Technology

Our industrial computers are based on current standards and market trends, allowing them to easily meet the evolving demands of industrial applications.



Reliability and Quality

Each device undergoes rigorous testing to ensure long-term stability and reliability. Products are designed for continuous operation in demanding 24/7 environments.



Long-Term Availability

The long lifecycle of our offered models far exceeds commercial hardware standards. This facilitates system unification and IT infrastructure planning over the years.



Individual Approach

We help select hardware tailored to the specifics of the application, budget, and working conditions. We aim to provide solutions that are not only functional but also economically justified.



Technical Support and Service

We offer support at every stage – from consulting and configuration to maintenance and upgrades. Our priority is to minimize response times and ensure system continuity.



36-Month Warranty

Every device comes with a 36-month manufacturer's warranty. During this period, we provide full technical support and service.

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NECESA_EN-0326v1.1