

DNSYS



Industrial PanelPC D-SYS 17 v.3

Category:	Industrial Panel PC Computers
Manufacturer:	DNSYS
Supported OS:	Microsoft Windows: 7/8
Installed OS:	-----
Screen size:	17"
Resolution:	1280 x 1024
Aspect ratio:	4:3
Brightness:	350 cd/m2
Touchscreen:	Resistive Type 5-Wire
CPU Support:	Intel Core i7/i5/i3/Celeron (Ivy Bridge and Sandy Bridge) - Socket LGA1155
Installed CPU:	Intel® Core™ i5-3470 Processor (6M Cache, 4 x 3.20 GHz)
Graphic Card:	Intel® HD Graphics 2500
Storage (HDD) Support:	32 - 512 GB SSD / 320 - 1TB HDD (SATA II)
Installed Storage (HDD):	64 GB SSD (option: 500 GB HDD)

Memory Support:	up to 16 GB DDR3 / 1600MHz / 2 x SO-DIMM
Installed Memory:	2 GB
IP Norm:	-----
IP Level (front panel):	-----
IP Level (back panel):	-----
Temp:	0°C ~ 50°C
Storage Temp:	-10°C ~ 60°C
Humidity:	85 % RH
Anti-shock:	-----
Anti-vibration:	-----
RFID scanner (reader):	-----
Others:	-----
LAN:	GbE LAN1: Intel 82583V, LAN2: Intel 82579V
Wireless LAN card:	No (option)
3G:	-----
Bluetooth:	-----
GPS:	-----
Ports - rear panel:	6 x USB 2.0 / 1 x HDMI / 1xVGA / 2 x COM(RS-232) / 2 x LAN / 2 x Audio(Mic-in, Line-out) / 1 x PS/2
Ports - front panel:	-----
Ports - left panel:	-----
Ports - right panel:	-----
Expansion:	Connectors: 3 x COM / 1 x parallel Speakers: x2
Power:	12V DC-in
Power Consumption:	90 W
Watch Dog Timer:	-----
Mounting VESA:	Yes
Folding Bracket (for office type working):	-----
Chipset:	Intel® H61 Chipset

CD/DVD Drive:	-----
Audio:	Realtek ALC109 , 6 channel high-fidelity sound card
TV Tuner:	-----
Backlight MTBF:	LCD
Contrast Ratio:	1000:1
Dual display:	Yes
Viewing Angle:	85/85/80/80 (R/L/U/D)
Touch Life(contacts):	50 000 h
Surface hardness (display):	-----
Color Resolution:	16.7 M
Housing material:	Metal and Alluminum
Dimensions:	400.7 x 333.1 x 88 mm
Fanless:	No
Weight:	7kg

Product from the Archive - production finished

Industrial PanelPC D-SYS 17

- 17" 17 inch
- 1280x1024
- Screen Ratio: 4:3
- Combine Multi Ports
- LCD backlight
- Touch: 5 wire resistive

intel
inside
CORE i5

DNSYS

Industrial Panel PC

Industrial Panel PC are excelent in environments dominated by dust, dirt and moisture. They are ideal for applications that require quiet operation.

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CPU: Intel® Core™ i5-3470 (6M Cache, 4 x 3.20 GHz)



Memory: 2GB RAM



Disk: 64 GB SSD / 500 GB HDD (**option**)



System: Windows 8 / Windows 7



Screen: 17" / 1280x1024 / 4:3 / 5 - Wire Resistive



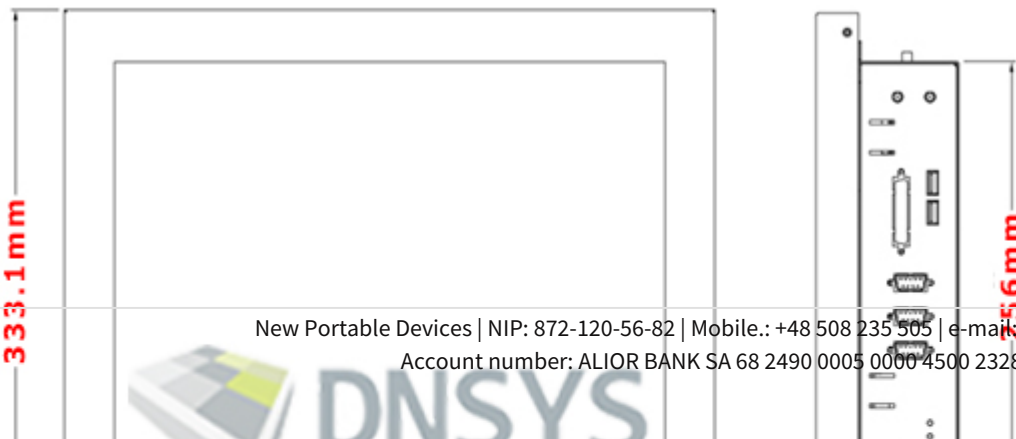
Expansion cards: 1 x PCIe x16, 1 x mini-PCIe

Detailed specification of the configuration available in the "Technical data"

Using the latest technology Panel PC is designed for continuous multitasking operating with low power consumption (80 W). An important advantage is the effective combination of small size with considerable opportunities, through the use of **Intel® Core i5** processor family, Intel chipsets and **DDR2** memory. Integrated Intel®HD Graphics video graphics card and audio Realtek ALC109 allow you to play a wide range of applications and media files (video, audio). Disks offer free space from **32GB** SSD to 512GB SSD (**320GB** to 1TB HDD option).

Dimensions:

Housing dimension are **400.7 (W) x 333.1 (L) x 88 (H) mm**. Housing is made of high quality aluminum what ensures a very high resistance to mechanical damages. This model with weight of only **7 kg** is ready at any time for operation even in extreme conditions such as heat, cold, vibration.



Communication:

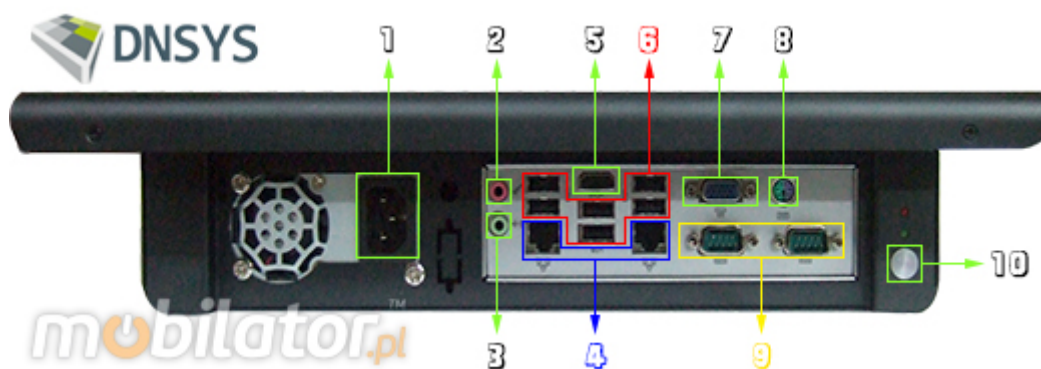
Industrial PanelPC D-SYS 17 optional has a system of wireless Wi-Fi communication.



Connector:

Integrated GbE LAN1 NIC: Intel 82583V, LAN2: Intel 82579V, WIFI (optional) allows you to connect the device to the network. The computer is equipped with: two LAN connector, two COM ports (RS232), one VGA output, one HDMI output, six USB 2.0 ports, one audio input, one microphone, one PS2 port and power connector.

Additionally, the panel can be equipped with three COM connectors and one parallel port.



- | | | |
|------------|----------------|------------------|
| 1. DC-in | 5. HDMI | 9. 2xRS232 |
| 2. Mic | 6. 6 x USB 2.0 | 10. Power ON/OFF |
| 3. Audio | 7. VGA | |
| 4. 2x RJ45 | 8. PS2 | |

Dual Display



Industrial PanelPC D-SYS 17 has a water-resistant front panel and scratch resistant LCD screen. With 1280x1024 resolution and high brightness of 350 cd/m², screen of "5 wire resistive" type with high sensitivity to touch, offers the user a clear picture and ease of use.



5-Wire resistive

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Resistive screen

A resistive touchscreen comprises of several layers, out of which the flexible plastic and glass layers are two important electrically resistive layers. The front surface of resistive touchscreen panel is a scratch-resistant plastic with coating of a conductive material (mostly Indium Tin Oxide, ITO), printed underside. The second important layer is either made of glass or hard plastic and is also coated with ITO. Both the layers face each other and are separated with a thin gap in between. An electrical resistance is created between both the layers in such a way that charge runs from top to bottom in one layer and side-to-side in another. When a finger or stylus tip presses down on the outer surface, both the ITO films meet. It is the measure of the resistance of both the layers at point of contact, which leads to get an accurate measurement of the touch position. The accuracy also relies on the evenness of the coating of ITO on both the layers.



