

PSG201-FD



Fanless 10.1" Industrial Panel PC with Intel® N150 / Intel® N97



FEATURES

- Intel® N150 / Intel® N97
- 10.1" 1280x800 LCD display
- Projected capacitive multi-touch control
- Flat frontal panel, IP66-compliant
- Dual 2.5 Gigabit Ethernet
- Triple display support
- Wide DC power range 9-36 VDC



SYSTEM

CPU	Intel® N150, QC, 3.6 GHz Intel® N97, QC, 3.6 GHz
CHIPSET	Intel® Alder Lake
GRAPHICS	Intel® UHD Graphics
MEMORY TYPE	1x DDR5 SO-DIMM 4800 MHz max 16 GB
AUDIO	Realtek® ALC897
ETHERNET	2x Intel® I226V 2.5 GbE (N150) 2x Intel® I225V 2.5 GbE (N97)

DISPLAY

TFT TYPE	10.1" TFT LCD
MAX RESOLUTION	1280x800
LUMINANCE	300 cd/m ²
CONTRAST RATIO	800 : 1
VIEW ANGLE	85°/ 85°/ 85°/ 85°(L/R/U/D)
MAX COLORS	16.7 Millions
TOUCH TYPE	Projected capacitive multi-touch control

STORAGE

DEVICE	1x 2.5" SSD
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EXTERNAL I/O

SERIAL PORTS	1x COM (RS-232/422/485), 1x COM (RS-232) 1x COM (RS-232) optional
USB PORTS	2x USB 3.2, 2x USB 2.0
AUDIO	1x Line-Out
VIDEO OUTPUT	2x HDMI (4096x2160)
LAN	2x RJ45 Ethernet ports
PS2	N/A
SUPPLY CONNECTION	24 VDC terminal block

EXPANSION SLOT

MINI-PCIE	1x full size with PCIe x1
M.2	1x Key E (2230), 1x Key M (2280) with PCIe x2

OS SUPPORT

MICROSOFT®	Windows 10 Enterprise LTSC 2021 (64 bit)
MICROSOFT®	Windows 10 PRO (64 bit)
MICROSOFT®	Windows 11 Enterprise LTSC 2024 (64 bit)
MICROSOFT®	Windows 11 PRO (64 bit)
LINUX	Ubuntu 24.04.1 LTS or newer and further distros

POWER SYSTEM

RATED INPUT VOLTAGE	24 VDC
INPUT VOLTAGE LIMIT	9-36 VDC
POWER CONSUMPTION	35 W

MECHANICAL

DIMENSION (WxHxD)	275x190x73 mm (10.8x7.5x2.9 in)
WEIGHT	2.5 Kg
FRONT PANEL	Aluminum frontal frame with 3 mm temperate glass
CHASSIS	SECC steel (galvanized)
MOUNTING TYPE	Panel mounting with retaining clips

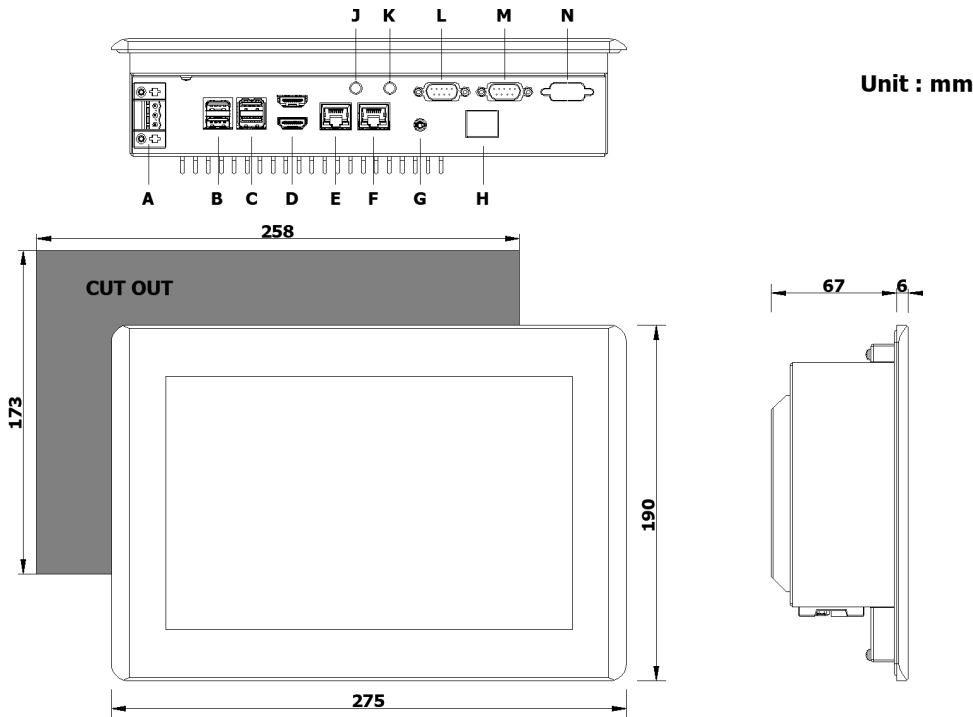
ENVIRONMENT

OPERATING TEMPERATURE	0 ~ 50 °C (32 ~ 122 °F)
STORAGE TEMPERATURE	-20 ~ 60 °C (-4 ~ 140 °F)
OPERATING HUMIDITY	10 ~ 95 % @ 40 °C (non-condensing)
FRONT PANEL PROTECTION	IP66
EMC	CE
SAFETY	CE

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Dimensions - I/O View :

- A - Supply connector
- B - 2x USB 2.0
- C - 2x USB 3.2
- D - 2x HDMI
- E - Gigabit LAN 1
- F - Gigabit LAN 2
- G - Audio output
- H - Gigabit LAN 3 (optional)
- J - Wi-fi antenna (optional)
- K - Wi-fi antenna (optional)
- L - RS-232/422/485 (COM 1)
- M - RS-232 (COM 2)
- N - RS-232 (COM 3 - optional)



AVAILABLE OPTIONS		CONFIGURATION NUMBER						
		1	2	3	4	5	6	7
WIFI Lan	Wi-Fi Lan ¹	●		●				
LAN	1x RJ45 Gigabit Lan MiniPCI-Express card		●	●				
Notes								
¹ 1 mt Wi-Fi antenna cable extension available on request								

FRONTAL PANEL OPTIONAL	
Frontal panel graphic customization area for logo ¹	
¹ To go on with the frontal panel customization, we need the vectorial logo and the logo spot on the panel. Later we will send you a preview to be confirmed.	

Unit : mm

