

PSG201-FT



Fanless 10.1" Industrial Panel PC with Intel® Pentium® N4200



FEATURES

- Intel® Pentium® N4200
- 10.1" 1280x800 LCD display
- Projected capacitive multi-touch control
- Flat frontal panel, IP66-compliant
- Dual Gigabit Ethernet
- Triple display support
- Wide DC power range 9-36 VDC



SYSTEM

CPU	Intel® Pentium® N4200, QC, 1.1 GHz
CHIPSET	Intel® Apollo Lake
GRAPHICS	Intel® HD Graphics 505
MEMORY TYPE	2x DDR3L SO-DIMM 1600 MHz max 8 GB
AUDIO	Realtek Audio Codec
ETHERNET	2x 10/100/1000 Mbps Intel® I211AT

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 / HDD
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EXTERNAL I/O

SERIAL PORTS	1x COM (RS-232/422/485), 1x COM (RS-232)
USB PORTS	2x USB 3.0, 2x USB 2.0
AUDIO	1x Line-Out
VIDEO OUTPUT	1x VGA (2560x1600), 1x HDMI (3840x2160)
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 KeyM (2242) with SATA

OS SUPPORT

MICROSOFT®	Windows 10 Enterprise LTSC 2016 (64 bit)
MICROSOFT®	Windows 10 Enterprise LTSC 2019 (64 bit)
MICROSOFT®	Windows 10 Enterprise LTSC 2021 (64 bit)
MICROSOFT®	Windows 10 PRO (64 bit)
LINUX	Ubuntu 20.04.1 LTS or newer and further distros

POWER SYSTEM

RATED INPUT VOLTAGE	24 VDC
INPUT VOLTAGE LIMIT	9-36 VDC
POWER CONSUMPTION	20 W

MECHANICAL

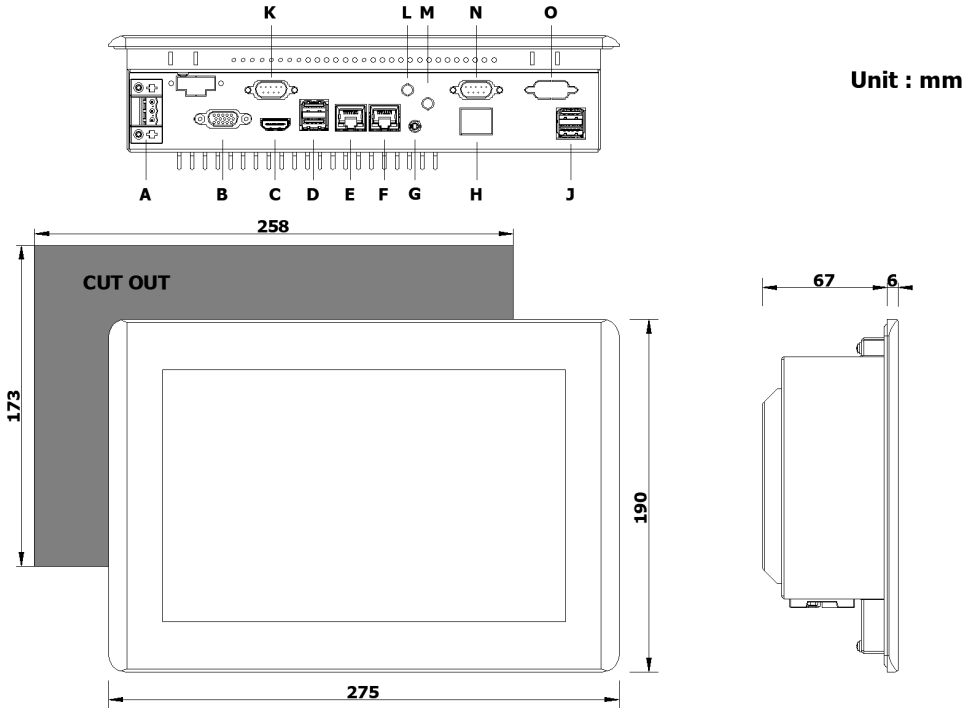
DIMENSION (WxHxD)	275x190x73 mm (10.8x7.5x2.9 in)
WEIGHT	2.5 Kg
FRONT PANEL	Aluminum frontal frame with 3 mm temperate glass
CHASSIS	SECC steel (galvanized)
MOUNTING TYPE	Panel mounting with retaining clips

ENVIRONMENT

OPERATING TEMPERATURE	0 ~ 45 °C (32 ~ 113 °F)
STORAGE TEMPERATURE	-20 ~ 60 °C (-4 ~ 140 °F)
OPERATING HUMIDITY	10 ~ 95 % @ 40 °C (non-condensing)
FRONT PANEL PROTECTION	IP66
EMC	CE, UR
SAFETY	CE, UR

Dimensions - I/O View :

- A - Supply connector
- B - VGA
- C - HDMI
- D - 2x USB 3.0
- E - Gigabit LAN 2
- F - Gigabit LAN 1
- G - Audio output
- H - Gigabit LAN 3 (optional)
- J - 2x USB 2.0
- K - RS-232/422/485 (COM 1)
- L - Wi-fi antenna (optional)
- M - Wi-fi antenna (optional)
- N - RS-232 (COM 2)
- O - 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		●					
Serial Ports	2x optoisolated serial ports RS-422/485 MiniPCI-Express card ²			●				
Notes								
¹ 1 mt Wi-Fi antenna cable extension available on request								
² Serial ports will be set on the "O-P" position instead of RS232 COM2-COM3								

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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

