

PSR108-FT



Fanless 8" Industrial Panel PC with Intel® Pentium® N4200



FEATURES

- Intel® Pentium® N4200
- 8" 800x600 LCD display
- Resistive touch
- Front 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	8" TFT LCD
MAX RESOLUTION	800x600
LUMINANCE	250 cd/m ²
CONTRAST RATIO	500 : 1
VIEW ANGLE	70° / 70° / 50° / 70° (L/R/U/D)
MAX COLORS	262,000
TOUCH TYPE	Five wire resistive

STORAGE

DEVICE	1x M.2 SSD
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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
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OS SUPPORT

MICROSOFT®	Windows 10 Enterprise LTSC 2016 (64 bit)
MICROSOFT®	Windows 10 Enterprise LTSC 2019 (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)	240x200x69 mm (9.5x7.9x2.7 in)
WEIGHT	2.5 Kg
FRONT PANEL	Anodized aluminum
CHASSIS	SECC steel (galvanized)
MOUNTING TYPE	Panel mounting with retaining clips

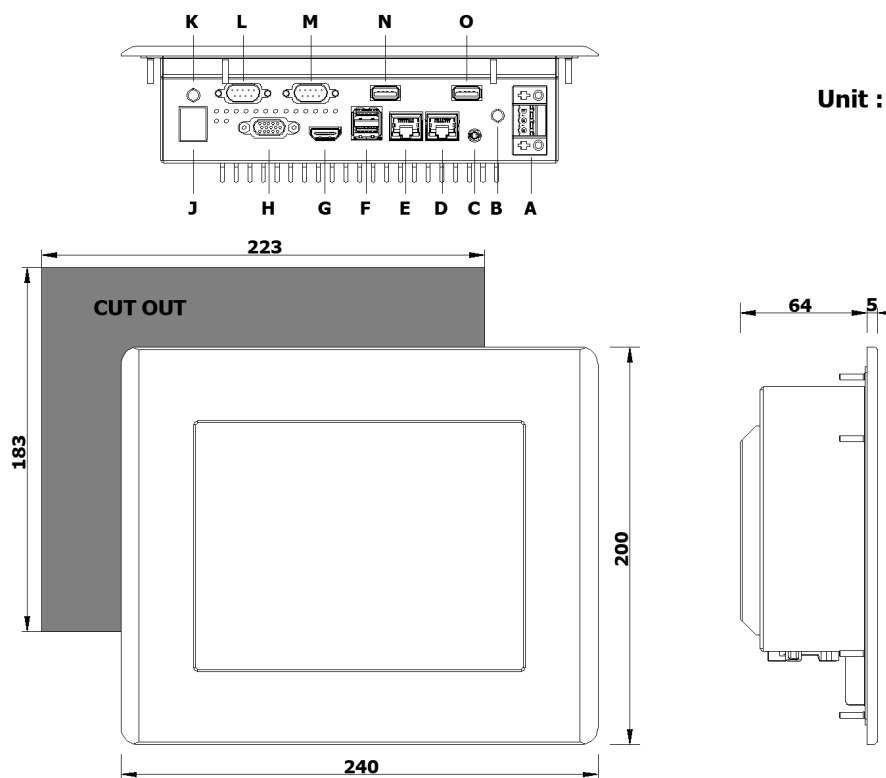
ENVIRONMENT

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 - Wi-fi antenna (optional)
- C - Audio output
- D - Gigabit LAN 1
- E - Gigabit LAN 2
- F - 2x USB 3.0
- G - HDMI
- H - VGA
- J - Gigabit LAN 3 (optional)
- K - Wi-fi antenna (optional)
- L - RS-232/422/485 (COM 1)
- M - RS-232 (COM 2)
- N - 1x USB 2.0
- O - 1x USB 2.0



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 "L-M" position instead of RS232/422/485 COM1 or RS232 COM2								

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

