PSR116-FE

Fanless 15.6" Industrial Panel PC with Intel® Ultra5



FEATURES

- Intel® Core™ Ultra5
- 15.6" 1366x768 / 1920x1080 LCD display
- Resistive touch
- Front panel, IP66-compliant
- 1x Gigabit Ethernet, 1x 2.5 Gigabit Ethernet
- Triple display support
- Wide DC power range 12-36 VDC
- Wide AC power range 85-264 VAC

SYSTEM	
CPU	Intel® Core™ Ultra5, 125H
CHIPSET	Intel® Meteor Lake-H
GRAPHICS	Intel® Arc™ Graphics
MEMORY TYPE	1x DDR5 SO-DIMM 5600 MHz max 48 GB
AUDIO	Realtek® ALC256 HD
ETHERNET	1x Intel® I226LM 2.5 GbE 1x Intel® I210AT 1 GbE

DISPLAY	
TFT TYPE	15.6" TFT LCD
MAX RESOLUTION	1366x768 or 1920x1080
LUMINANCE	300 cd/m^2 or 500 cd/m^2
CONTRAST RATIO	500 : 1 or 1000:1
VIEW ANGLE	80°/ 80°/80°/ 80° or 89°/89°/89°/89° (L/R/U/D)
MAX COLORS	16.7 Millions
TOUCH TYPE	Five wire resistive

STORAGE	
DEVICE	1x 2.5" SSD

EXTERNAL I/O	
SERIAL PORTS	1x COM (RS-232/422/485) 2x COM (RS-232/422/485) optional
USB PORTS	2x USB 3.2, 2x USB 3.2 Type-C, 2x USB 2.0
AUDIO	N/A
VIDEO OUTPUT	1x HDMI (4096x2160), 1x DisplayPort (4096x2160)
LAN	2x RJ45 Ethernet ports
PS2	N/A
SUPPLY CONNECTION	24 VDC terminal block 110-230 VAC standard VDE connector

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 110-230 VAC
INPUT VOLTAGE LIMIT	12-36 VDC 85-264 VAC
POWER CONSUMPTION	50 W

MECHANICAL	
DIMENSION (WxHxD)	430x275x95 mm (16.9x10.8x3.7 in)
WEIGHT	7 Kg
FRONT PANEL	Anodized aluminum
CHASSIS	SECC steel (galvanized)
MOUNTING TYPE	Panel mounting with retaining clips

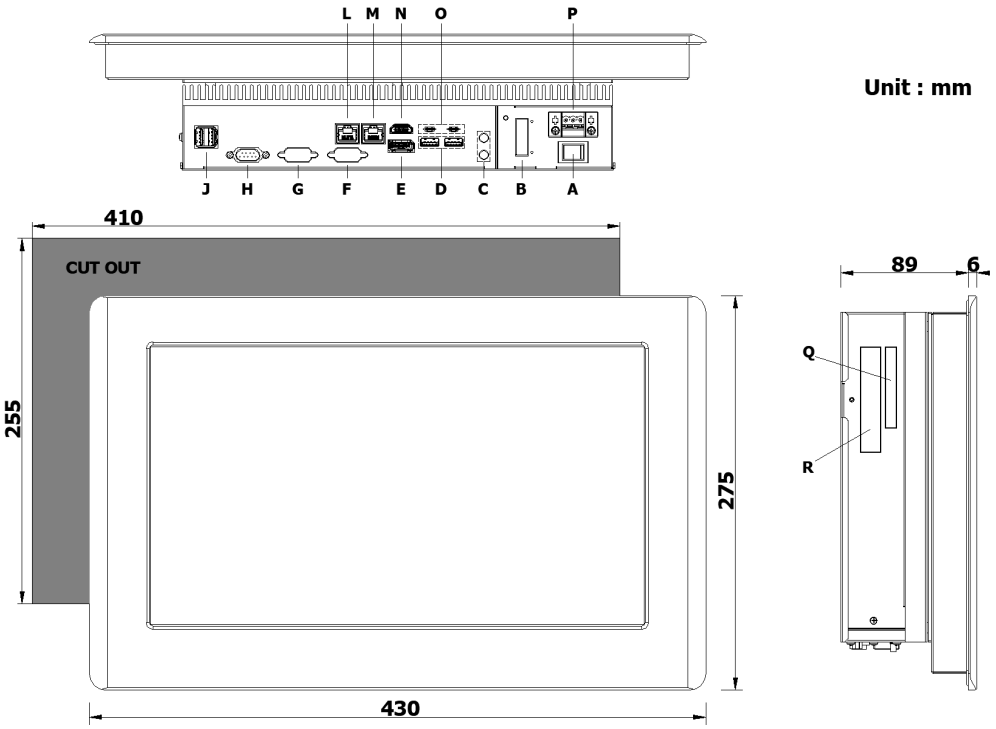
ENVIRONMENT	
OPERATING TEMPERATURE	0 ~ 50 °C (32 ~ 122 °F)
STORAGE TEMPERATURE	-20 ~ 60 °C (-4 ~ 140 °F)
OPERATING HUMIDITY	10 ~ 95 % @ 40°C (non-condensing)
FRONT PANEL PROTECTION	IP66
EMC	CE
SAFETY	CE

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Dimensions - I/O View :

- A - Power switch
- B - Remote power On/Off (optional) Remote reset (optional)
- C - 2x Wi-fi antenna (optional)
- D - 2x USB 3.2
- E - 1x DisplayPort
- F - RS-232/422/485 (COM 5 - optional)
- G - RS-232/422/485 (COM 4 - optional)
- H - RS-232/422/485 (COM 3)
- J - 2x USB 2.0
- L - Gigabit LAN 2
- M - Gigabit 2.5 LAN 1
- N - 1x HDMI
- O - 2x USB 3.2 (Type-C)
- P - Supply connector
- Q - Removable CFast (optional)
- R - Removable SSD (optional)



Unit : mm

AVAILABLE OPTIONS		CONFIGURATION NUMBER						
		1	2	3	4	5	6	7
WIFI Lan	Wi-Fi Lan[1]	●						
Notes								
[1] 1 mt Wi-Fi antenna cable extension available on request								

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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

