

PVS018-FD



Fanless 18.5" Industrial Inox PC with Intel® Intel® N97



FEATURES

- Intel® N97
- 18.5" 1366x768 / 1920x1080 LCD display
- Projected capacitive multi-touch control
- Full IP67 protection grade
- Dual 2.5 Gigabit Ethernet
- Wide DC power range 12-36 VDC
- Wide AC power range 85-264 VAC



SYSTEM

CPU	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® I225V 2.5 GbE

DISPLAY

TFT TYPE	18.5" TFT LCD
MAX RESOLUTION	1366x768 or 1920x1080
LUMINANCE	300 cd/m ² or 350 cd/m ²
CONTRAST RATIO	1000 : 1
VIEW ANGLE	85° / 85° / 85° / 85° or 89° / 89° / 89° / 89° (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 (*)	Up to 2x COM (RS-232/422/485)
USB PORTS (*)	Up to 2x USB 2.0
LAN (*)	Up to 2x RJ45 Ethernet ports
SUPPLY CONNECTION	24 VDC tube terminal 110-230 VAC standard cable

* Connectors type and quantity on request by customer

EXPANSION SLOT

MINI-PCIE	1x full size with PCIe x1
mSATA/Mini-PCle	1x KeyM (2242) with SATA

OS SUPPORT

MICROSOFT®	Windows 10 Enterprise LTSC 2019 (64 bit)
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	45 W

MECHANICAL

DIMENSION (WxHxD)	543x364x70 mm (21.4x14.3x2.8 in)
WEIGHT	8.5 Kg
FRONT PANEL	Stainless steel AISI 304 frame with 3 mm temperate glass
CHASSIS	Stainless steel AISI 304
MOUNTING TYPE	Desktop or VESA 100 mounting

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)
PROTECTION GRADE	IP67
EMC	CE
SAFETY	CE

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PC Dimensions - I/O View :

- A - IP67 Connector (*)
- B - IP67 Connector (*)
- C - IP67 Connector (*)
- D - IP67 Connector (*)
- E - IP67 Power connector (*)
- F - IP67 Power button
- G - IP67 Protective vent
- H - 2x Wi-fi antenna (optional)

* Connectors type and quantity on request by customer

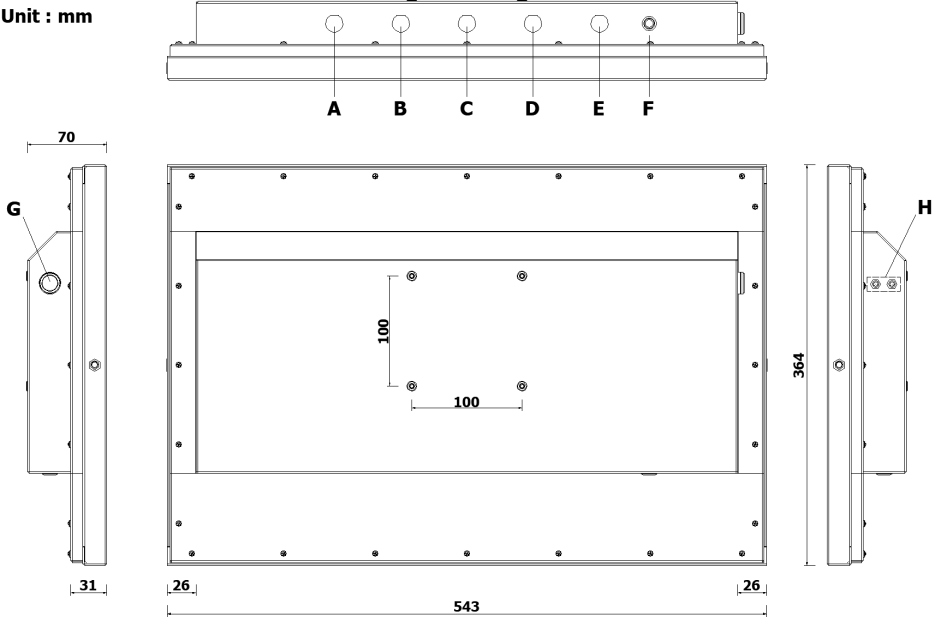
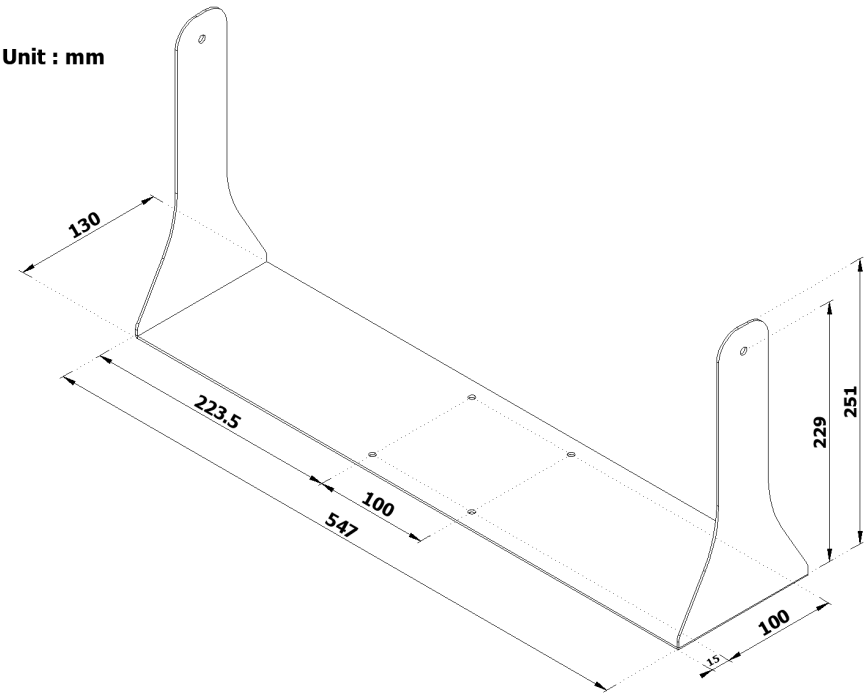


Table stand Dimensions (**):

** Optional component



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 logo¹

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.

