

PVS017-FD



Fanless 17" Industrial Inox PC with Intel® Intel® N97



FEATURES

- Intel® N97
- 17" 1280x1024 LCD display
- Projected capacitive multi-touch control or true flat resistive
- 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	17" TFT LCD
MAX RESOLUTION	1280x1024
LUMINANCE	350 cd/m ²
CONTRAST RATIO	1000 : 1
VIEW ANGLE	85° / 80° / 85° / 85° (L/R/U/D)
MAX COLORS	16.7 Millions
TOUCH TYPE	Projected capacitive multi-touch control True flat resistive

STORAGE

DEVICE	1x 2.5" SSD
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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-PCIe	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)	460x389x73 mm (18.1x15.3x2.9 in)
WEIGHT	7 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

Last update: 25/03/2025

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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.	

