

PAB225-FD



Fanless Industrial Box PC with Intel® N97



FEATURES

- Intel® N97
- Dual 2.5 Gigabit Ethernet
- Dual display support
- Three kinds of mounting : DIN rail, WALL, FLAT
- Wide DC power range 12-36 VDC



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

STORAGE

DEVICE	1x M.2 PCIe SSD
--------	-----------------

EXTERNAL I/O

SERIAL PORTS	2x COM (RS-232/422/485) optional
USB PORTS	2x USB 3.2, 4x USB 2.0
AUDIO	1x Line-out
VIDEO OUTPUT	2x HDMI (4096x2160)
LAN	2x RJ45 Ethernet ports
SUPPLY CONNECTION	24 VDC terminal block

EXPANSION SLOT

M.2	1x Key E (2230)
-----	-----------------

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 24.04.3 LTS or newer and further distros

POWER SYSTEM

RATED INPUT VOLTAGE	24 VDC
INPUT VOLTAGE LIMIT	12-36 VDC
POWER CONSUMPTION	35 W

MECHANICAL

DIMENSION (WxHxD)	65x180x120 mm (2.6x7.1x4.7 in)
WEIGHT	1.0 Kg
CHASSIS	SECC steel (galvanized)
MOUNTING TYPE	DIN RAIL mounting *, WALL mounting * FLAT mounting (optional)

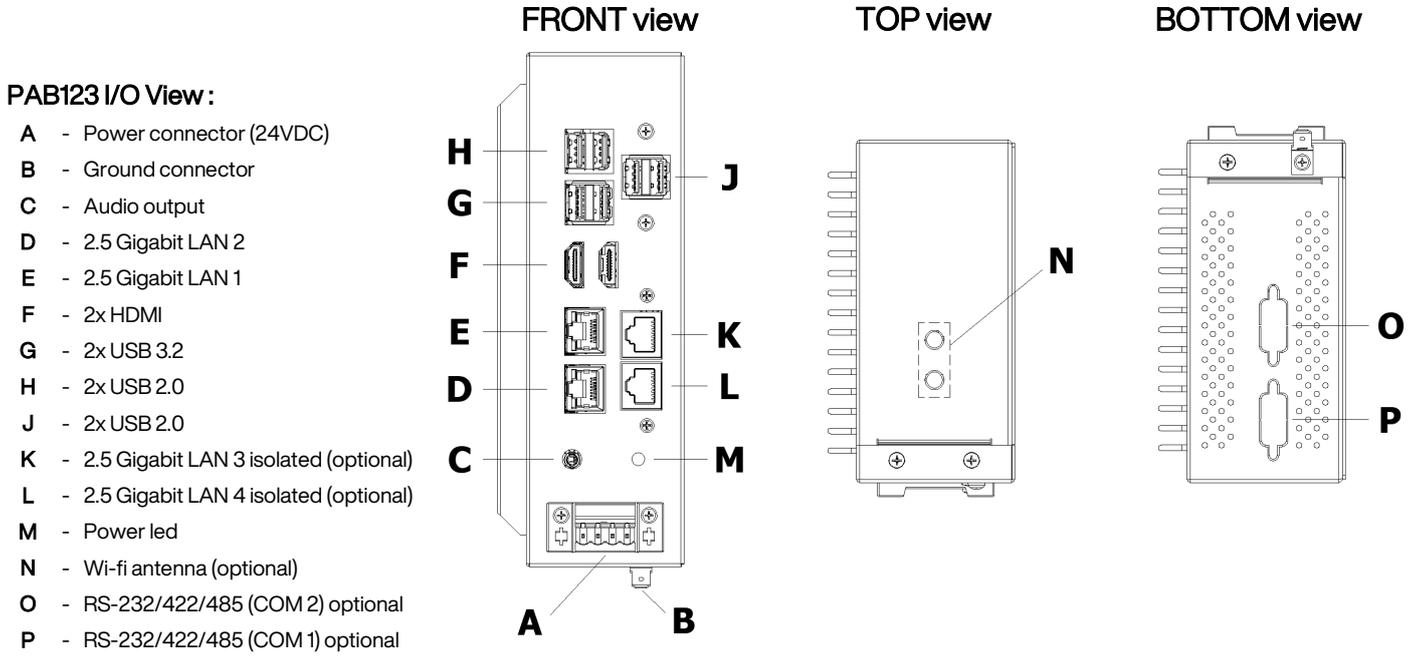
ENVIRONMENT

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

* Included in the package

PAB225-FD

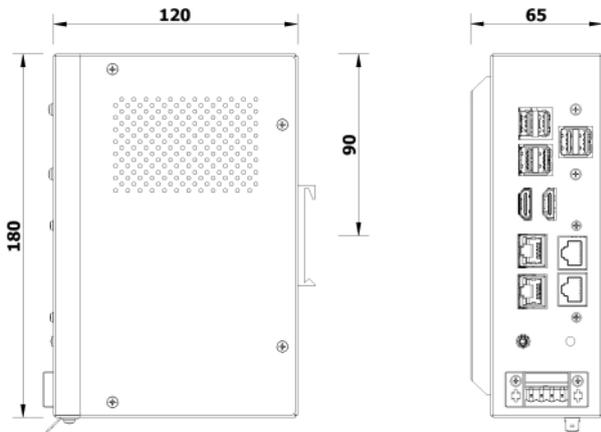
Fanless Industrial Box PC with Intel® N97



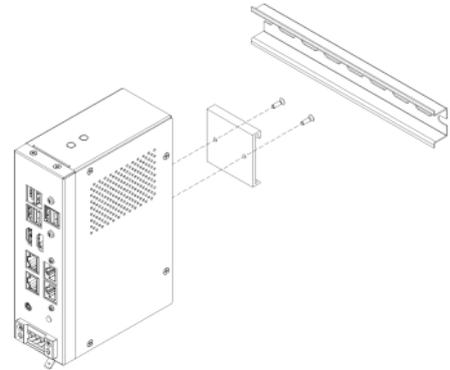
AVAILABLE OPTIONS		CONFIGURATION NUMBER						
		1	2	3	4	5	6	7
WiFi Lan	Wi-Fi Lan ¹	●			●	●		●
Dual Lan	2x Intel® I226-IT 2.5 GbE isolated		●		●		●	●
Serial Ports	2x serial ports RS 232/422/485(DB9)			●		●	●	●
Notes								
¹ 1 mt Wi-Fi antenna cable extension available on request								

PAB225-FD

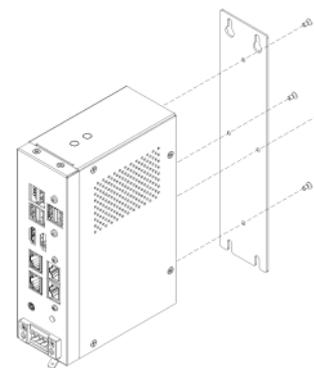
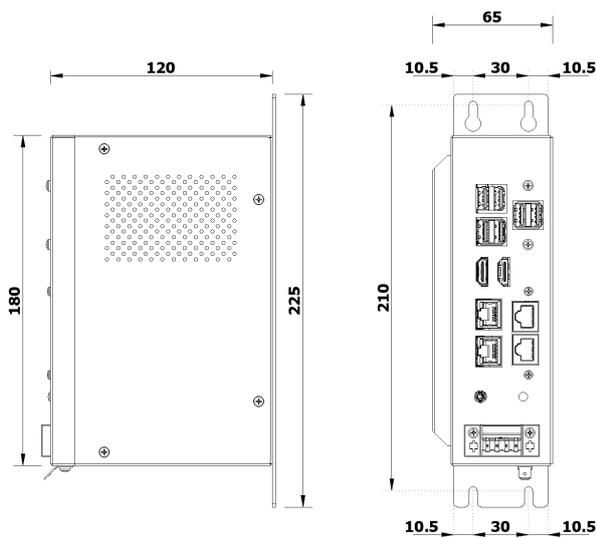
Fanless Industrial Box PC with Intel® N97



DIN RAIL mounting
(included in the package)



WALL mounting
(included in the package)



FLAT mounting
(optional NOT included)

