

PAB305-FZ



Fanless Industrial Box PC with Intel® i3-N305



FEATURES

- Intel® i3-N305
- 2x GbE LAN
- Dual display support
- Desktop or Wall mounting
- Wide DC power range 9-35 VDC



SYSTEM

CPU	Intel® i3-N305, OC, 3.8 GHz
CHIPSET	Intel® Alder Lake-N
GRAPHICS	Intel® UHD Graphics
MEMORY TYPE	1x DDR4 SO-DIMM 3200 MHz up to 32 GB
AUDIO	Realtek® Audio Codec
ETHERNET	2x GbE LAN Intel® I210

STORAGE

DEVICE	1x 2,5" SSD
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EXTERNAL I/O

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

EXPANSION SLOT

M.2	1x KeyE (2230) for Wireless
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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
INPUT VOLTAGE LIMIT	9-35 VDC
POWER CONSUMPTION	40 W

MECHANICAL

DIMENSION (WxHxD)	205x125x70,5 mm (8.1x4.9x2.8 in)
WEIGHT	1.6 Kg
CHASSIS	Sheet metal
COLOR	RAL 9005 (black)
MOUNTING TYPE	Desktop or Wall mounting

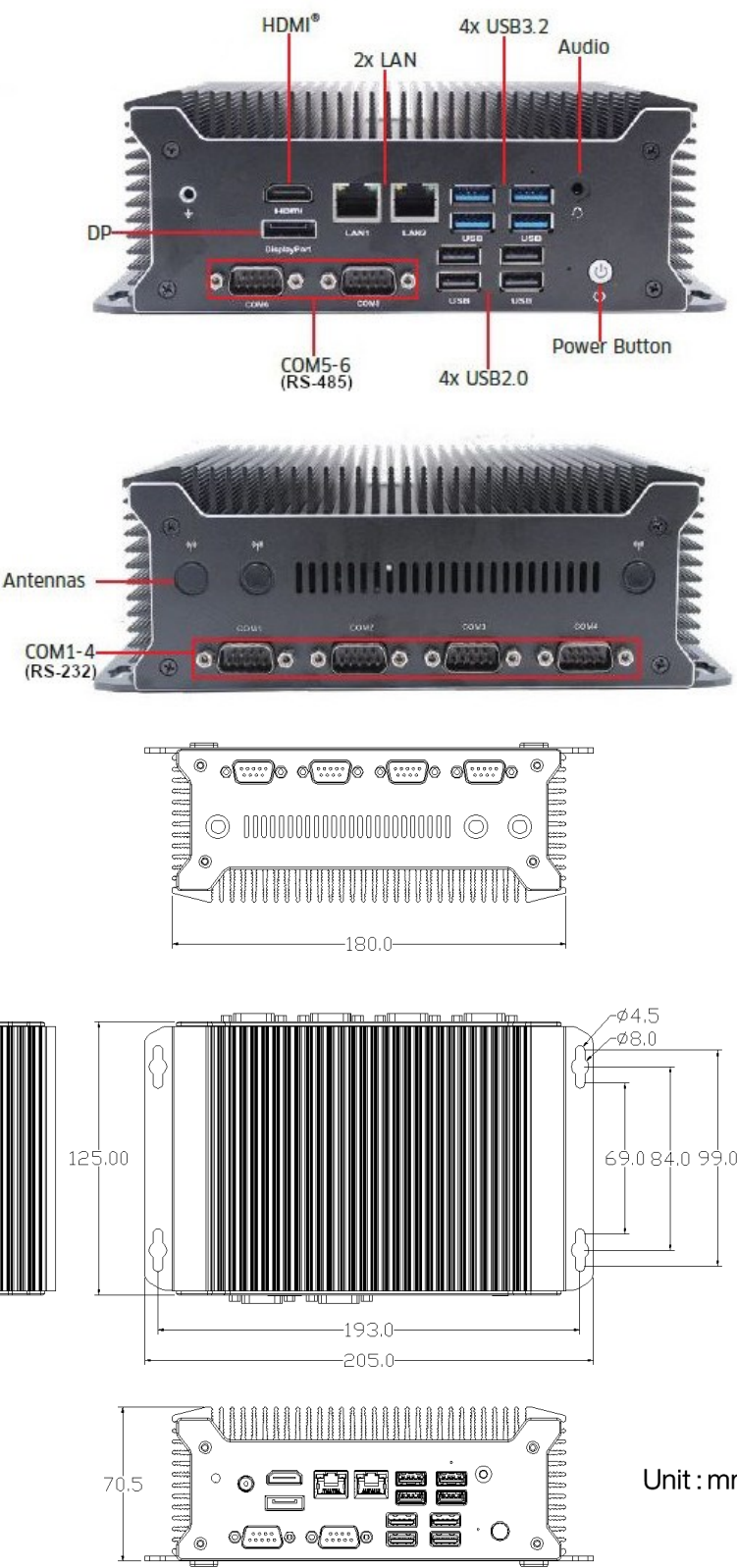
ENVIRONMENT

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

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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								