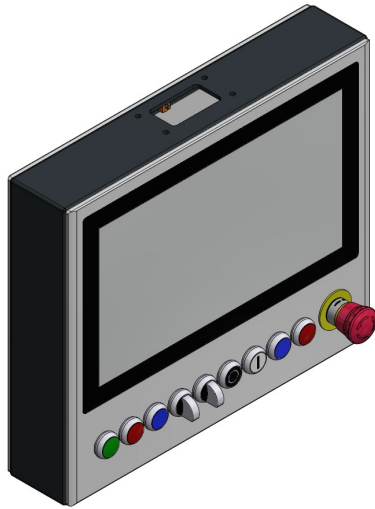


PAC116-EM



Fanless 15.6" Industrial ARM-PC with Intel® N3350 / Intel® N4200



FEATURES

- Intel® N3350 / Intel® N4200
- 15.6" 1366x768 / 1920x1080 LCD display
- One kind of mounting : ARM
- Landscape orientation
- Full IP65 protection grade
- PC set up for max 10 keys Ø 22 on the frontal panel
- Customizable frontal panel
- Wide DC power range 9-36 VDC, I/O isolation 4000 VDC



SYSTEM

CPU	Intel® Celeron® N3350, DC, 1.1 GHz Intel® Pentium® N4200, QC, 1.1 GHz
CHIPSET	Intel® Apollo Lake
GRAPHICS	Intel® Gen9 Graphics DX 12
MEMORY TYPE	2x DDR3L SO-DIMM 1866 Mhz up to 16 GB
AUDIO	High Definition Audio
ETHERNET	2x Realtek 8111G 10/100/1000 Mbps

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	Projected capacitive multi-touch control

STORAGE

DEVICE	1x 2.5" SSD / HDD - 1x M.2 SATA (2242/2260)
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EXTERNAL I/O

SERIAL PORTS	3x COM (RS-232/422/485)
USB PORTS	4x USB 3.0
AUDIO	1x Line-out, 1x Mic-in
VIDEO OUTPUT	1x VGA (1920x1080), 1x HDMI (4096x2160)
LAN	2x RJ45 Ethernet ports
PS2	2x PS/2 (mouse and keyboard)
SUPPLY CONNECTION	24 VDC terminal block

EXPANSION SLOT

MINI-PCIE	1x full size with PCIe x1
M.2	1x KeyE (2230) with PCIe x1

OS SUPPORT

MICROSOFT®	Windows 10 Enterprise LTSC 2016 (64 bit)
MICROSOFT®	Windows 10 Enterprise LTSC 2019 (64 bit)
MICROSOFT®	Windows 10 PRO (64 bit)
LINUX	Ubuntu 20.04.1 LTS or newer and further distros

POWER SYSTEM

RATED INPUT VOLTAGE	24 VDC I/O isolation 4000 VDC
INPUT VOLTAGE LIMIT	9-36 VDC
POWER CONSUMPTION	28 W

MECHANICAL

DIMENSION (WxHxD)	433x367x99 mm (17x14.4x3.9 in)
WEIGHT	11 Kg
FRONT PANEL	Aluminum frontal frame with 2 mm temperate glass
CHASSIS	Painted steel
MOUNTING TYPE	ARM 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)
FRONT PANEL PROTECTION	Full IP65
EMC	CE
SAFETY	CE

* PC set up for fixing with 40x95mm center distance.

IMPORTANT NOTICE : the base of the fixing support must have a maximum width of 65mm. Please check the "DETAIL" on the next page.

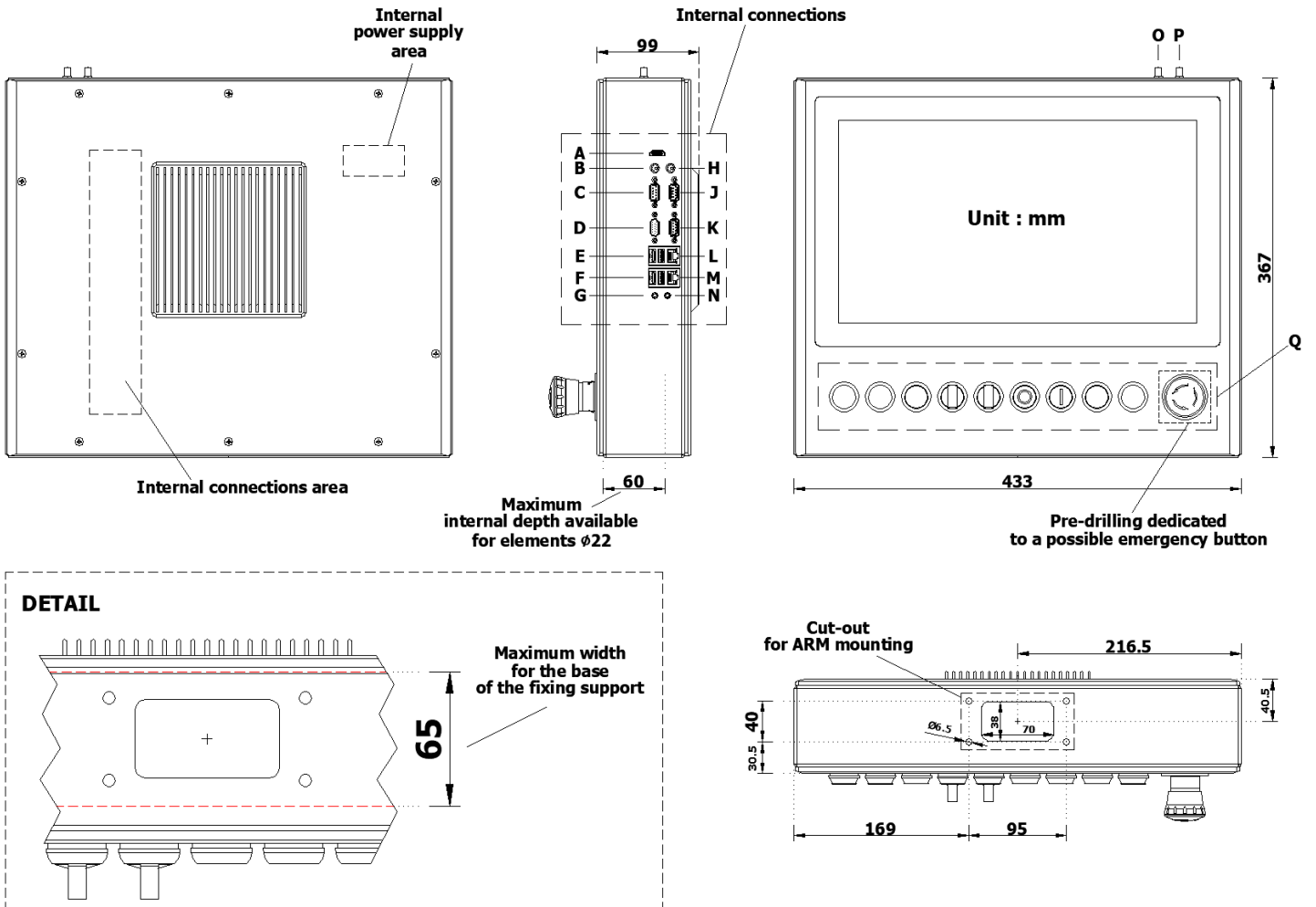
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Dimensions - I/O View :

- A - HDMI
- B - PS/2 keyboard port
- C - RS-232/422/485 (COM 2)
- D - VGA
- E - 2x USB 3.0
- F - 2x USB 3.0
- G - Mic-in
- H - PS/2 mouse port
- J - RS-232/422/485 (COM 1)
- K - RS-232/422/485 (COM 3)
- L - Gigabit LAN 1
- M - Gigabit LAN 2
- N - Audio output
- O - Wi-fi antenna (optional)
- P - Wi-fi antenna (optional)
- Q - Elements Ø 22 (optional)



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

¹To 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.

