

PSR115-FD



Fanless 15" Industrial Panel PC with Intel® N97



FEATURES

- Intel® N97
- 15" 1024x768 LCD display
- Resistive touch
- Front panel, IP66-compliant
- Dual 2.5 Gigabit Ethernet
- Triple display support
- 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 | 15" TFT LCD |
| MAX RESOLUTION | 1024x768 |
| LUMINANCE | 300 cd/m ² |
| CONTRAST RATIO | 800 : 1 |
| VIEW ANGLE | 80° / 80° / 80° / 80° (L/R/U/D) |
| MAX COLORS | 16.7 Millions |
| TOUCH TYPE | Five wire resistive |

STORAGE

| | |
|--------|-------------------|
| DEVICE | 1x 2.5" SSD / HDD |
|--------|-------------------|

EXTERNAL I/O

| | |
|-------------------|---|
| SERIAL PORTS | 1x COM (RS-232/422/485) 1x COM ((RS-232/422/485) optional) 2x COM (RS-232) optional |
| USB PORTS | 2x USB 3.2, 2x USB 2.0, 1x USB 2.0 on front panel |
| AUDIO | 1x Line-Out |
| VIDEO OUTPUT | 2x HDMI (4096x2160) |
| LAN | 2x RJ45 Ethernet ports |
| PS2 | N/A |
| SUPPLY CONNECTION | 24 VDC terminal block |

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 | 50 W |

MECHANICAL

| | |
|-------------------|-------------------------------------|
| DIMENSION (WxHxD) | 390x315x95 mm (15.3x12.4x3.7 in) |
| WEIGHT | 5.5 Kg |
| FRONT PANEL | Anodized aluminum |
| CHASSIS | SECC steel (galvanized) |
| MOUNTING TYPE | Panel mounting with retaining clips |

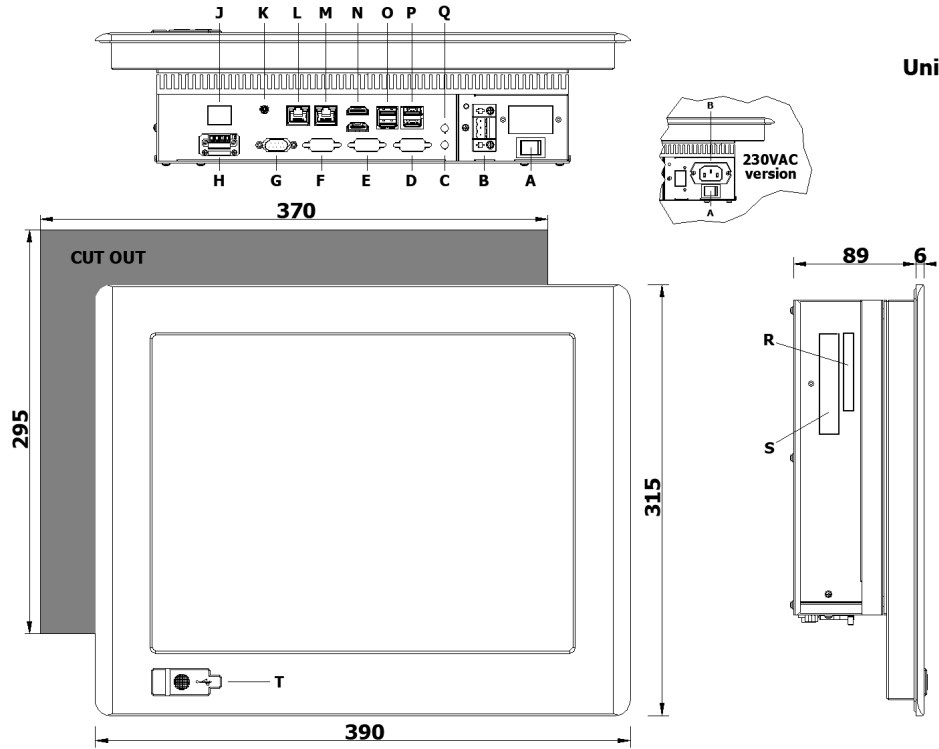
ENVIRONMENT

| | |
|------------------------|-----------------------------------|
| 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 | IP66 |
| EMC | CE |
| SAFETY | CE |

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Dimensions - I/O View :

- A - Power switch
- B - Supply connector
- C - Wi-fi antenna (optional)
- D - RS-232 (COM 4 - optional)
- E - RS-232 (COM 3 - optional)
- F - RS-232/422/485 (COM 2 - optional)
- G - RS-232/422/485 (COM 1)
- H - Remote power On/Off Remote reset
- J - Gigabit LAN 3 (optional)
- K - Audio output
- L - 2.5 Gigabit LAN 2
- M - 2.5 Gigabit LAN 1
- N - 2x HDMI
- O - 2x USB 3.2
- P - 2x USB 2.0
- Q - Wi-fi antenna (optional)
- R - Removable CFast (optional)
- S - Removable SSD (optional)
- T - 1x USB 2.0



Unit : mm

| AVAILABLE OPTIONS | | CONFIGURATION NUMBER | | | | | | |
|--|--|----------------------|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| WiFi Lan | Wi-Fi Lan ¹ | ● | | ● | | | | |
| LAN | 1x RJ45 Gigabit Lan MiniPCI-Express card | | ● | ● | | | | |
| Notes | | | | | | | | |
| ¹ 1 mt Wi-Fi antenna cable extension available on request | | | | | | | | |

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.

Unit : mm

