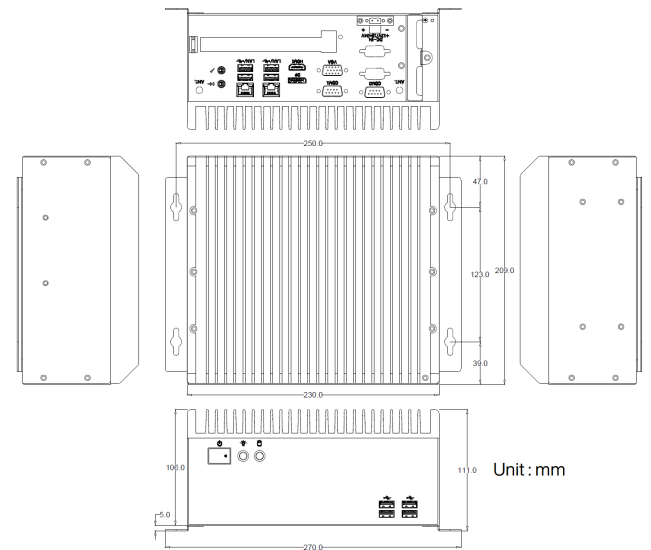


# PAB117-EV



Fanless box PC with Intel® i5-12500TE / i7-12700TE



## SYSTEM

|             |                                                                           |
|-------------|---------------------------------------------------------------------------|
| CPU         | Intel® Core™ i5-12500TE 1.9 GHz<br>Intel® Core™ i7-12700TE 1.4 GHz        |
| CHIPSET     | Intel® Alder Lake-S - Intel® H610                                         |
| GRAPHICS    | Intel® UHD Graphics 770                                                   |
| MEMORY TYPE | 2x DDR4 SO-DIMM 3200 MHz max 64 GB                                        |
| AUDIO       | High Definition Audio                                                     |
| ETHERNET    | 1x 10/100/1000/2500 Mbps Intel® i226V<br>1x 10/100/1000 Mbps Intel® i219V |

## STORAGE

|        |                                     |
|--------|-------------------------------------|
| DEVICE | 2x 2.5" SSD (1x Removable SSD tray) |
|--------|-------------------------------------|

## EXTERNAL I/O

|                   |                                                                                                             |
|-------------------|-------------------------------------------------------------------------------------------------------------|
| SERIAL PORTS      | 1x COM (RS-232/422/485), 1x COM (RS-232)                                                                    |
| USB PORTS         | 4x USB 3.0, 4x USB 2.0                                                                                      |
| AUDIO             | 1x Line-out, 1x Mic-in                                                                                      |
| VIDEO OUTPUT      | 1x HDMI (max resolution 4096x2130)<br>1x DP (max resolution 4096x2130)<br>1x VGA (max resolution 1920x1020) |
| LAN               | 2x RJ45 Ethernet ports                                                                                      |
| PS2               | NA                                                                                                          |
| SUPPLY CONNECTION | 24 VDC terminal block                                                                                       |

## EXPANSION SLOT

|      |                                      |
|------|--------------------------------------|
| PCIe | 1x PCIe x16 card length up to 200 mm |
| M.2  | 1x M.2 2230 E-Key, 1x M.2 2280 M-Key |

## 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)                  |

## POWER SYSTEM

|                     |                                         |
|---------------------|-----------------------------------------|
| RATED INPUT VOLTAGE | 24 VDC                                  |
| INPUT VOLTAGE LIMIT | 19-24 VDC                               |
| POWER CONSUMPTION   | i5-12500TE - 85 W<br>i7-12700TE - 115 W |

## MECHANICAL

|                   |                                 |
|-------------------|---------------------------------|
| DIMENSION (WxHxD) | 230x209x106 mm (9.1x8.2x4.2 in) |
| WEIGHT            | 5 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   | -40 ~ 85 °C (-40 ~ 185 °F)        |
| OPERATING HUMIDITY    | 10 ~ 95 % @ 40°C (non-condensing) |
| EMC                   | CE                                |
| SAFETY                | CE                                |