

# Data Acquisition Terminal

**IASO-W08PLED-N6210** | 8" Medical Panel PC with Intel® Celeron® processor

## Features

- Intel® Celeron® Processor N6210
- Programmable LED light bar on both side
- On-board eMMC 128GB
- On-board LPDDR4x 8GB
- 10-point PCAP touch
- IEEE 802.3af PoE (12.95W); IEEE 802.3at PoE (25.5W)



## Specifications

| Model               |                                       | IASO-W08PLED-N6210   |  |
|---------------------|---------------------------------------|--|--|
| Display             | Display Size                          | 8"   |  |
|                     | Resolution                            | 1280 x 800   |  |
|                     | Brightness (cd/m <sup>2</sup> )       | 350  |  |
|                     | Contrast Ratio                        | 800:1  |  |
|                     | LCD Color                             | 16.7M  |  |
|                     | Pixel Pitch                           | 0.13455 x 0.13455  |  |
|                     | Viewing Angle (H/V)                   | 170°/170°  |  |
|                     | Backlight MTBF (hrs)                  | 15,000   |  |
| Touch               | Touchscreen                           | P-CAP with multi-touch   |  |
|                     | Touch Controller                      | ILI  |  |
|                     | Surface Hardness                      | 6H   |  |
| Processor           | Processor                             | Intel® Celeron® N6210 (code name: Elkhart Lake, 1.2GHz, dual core, TDP 6.5W) |  |
| LAN                 | LAN Controller                        | Intel® I226-V  |  |
| Storage             | Storage                               | On-board eMMC 128GB  |  |
|                     | RAM                                   | On-board LPDDR4x 8GB   |  |
| Expansion           | Expansion                             | 1 x M.2 2230 A Key Slot (PCIe + USB)   | 1 x M.2 2242 M Key Slot (default SATA; PCIe) |
| Audio               | Audio                                 | 1 x Audio line-out jack  |  |
| Speaker             | Speaker                               | 1 x 1.5W speaker   |  |
| Wireless            | Wi-Fi & Bluetooth                     | IEEE 802.11 a/b/g/n/ax, Intel® Wi-Fi 6E AX210, Bluetooth v5.2 (optional)     |  |
| I/O                 | Rear I/O                              | 1 x 12V DC jack<br>1 x GbE LAN   | 2 x USB 3.2 Gen1 Type A                      |
| Button              | Button                                | 1 x Power button<br>1 x Reset  | 1 x Clear COMS<br>1 x AT/ATX switch          |
| LED Indicator       | LED Indicator                         | Programmable RGB LED light bars on both sides                                |  |
| Physical            | Color                                 | White  |  |
|                     | Thermal                               | Fanless  |  |
|                     | Construction Material                 | Front: PC<br>Rear cover: ABS+PC  |  |
|                     | Mounting                              | VESA 75 x 75 mm  |  |
|                     | Weight (Net) (kg)                     | 1  |  |
|                     | Weight (Gross) (kg)                   | 2.535  |  |
|                     | Dimensions (LxWxH) (mm)               | 250.1 x 152.1 x 39.7   |  |
| Power               | Input                                 | 12V  |  |
|                     | PoE                                   | IEEE 802.3af (Class 3) 12.95W<br>IEEE 802.3at (Class 4) 25.5W                |  |
|                     | Power Adapter                         | 36W  |  |
| Environment         | Operating Temperature                 | 0°C – 40°C   |  |
|                     | Storage Temperature                   | -20°C – 60°C   |  |
|                     | Humidity                              | 10% – 95% (non-condensing)   |  |
|                     | Vibration                             | 1G   |  |
|                     | Operating shock                       | 5G peak acceleration (11ms duration)   |  |
| Non-operating shock | 15G peak acceleration (11ms duration) |  |  |
| Operating System    | Supported OS                          | Windows 11; Linux ubuntu   |  |
| Certification       | EMC & Safety                          | CE, IEC 62368-1, FCC Part 15 Class B   |  |

## Ordering Information

| Part No.               | Description  |
|------------------------|--|
| IASO-W08PLED-N6210-R10 | 8" medical panel PC with Intel® Celeron® N6210 (code name: Elkhart Lake, TDP 6.5W), P-CAP touchscreen, on-board LPDDR4x 8GB RAM, on-board eMMC 128GB, IEEE802.3 PoE, R10, RoHS |

## Options

| Item         | Part No.                 | Description  |
|--------------|--------------------------|--|
| Wi-Fi Module | 19XS0Z792-0006301-000-RS | Wi-Fi Module; System; Z792; IASO-W08PLED-N6210; STD ; Wi-Fi Accessory Assy; VER:00;0; CCL:RoHS |
| M.2 SATA SSD | 79700-G25601TC25-RS      | 256GB, M.2 2242 SSD, SATA3 B+M Key   |
| M.2 SATA SSD | 79700-G51201TC14-RS      | 512GB, M.2 2242 SSD, SATA3 B+M Key   |
| M.2 PCIe SSD | 79700-G12801TC24-RS      | 128GB, M.2 2242, PCIe Gen3x2, NVMe   |
| M.2 PCIe SSD | 79700-G25601TC14-RS      | 256GB, M.2 2242, PCIe Gen3x4, NVMe   |

\* The default setting for the M.2 M key is SATA; to switch to PCIe, you'll need to adjust the configuration in the BIOS.

## Packing List

| Item          | Q'ty | Remark                  |
|---------------|------|-------------------------|
| Power Adapter | 1    | 36W power adapter       |
| Power Cord    | 1    | Power cord, 183 cm, C13 |

