



# WMP-109

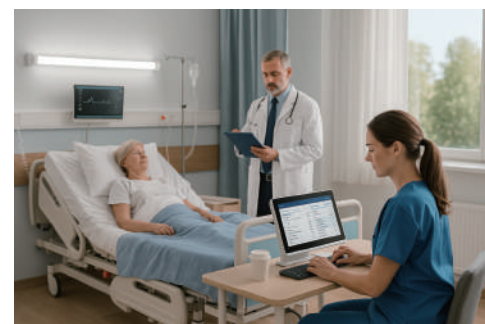
*Built for Healthcare & Industrial Automation*



WMP-109 is a powerful 10.1" fanless HMI panel PC, designed for medical, healthcare, and industrial use. Equipped with Intel® Alder Lake-N, it delivers high performance, flexible connectivity, and durability in compact form.

## Key Features

- ✓ Medical-grade certified (UL/EN 60601-1) for reliable healthcare use.
- ✓ Compact 10.1" fanless design, perfect for medical and industrial applications.
- ✓ Intel® Alder Lake-N N97 processor for enhanced performance and efficiency.
- ✓ 10-point multi-touch display with 350-nit brightness and 170° wide view.
- ✓ IP65-rated front panel for easy cleaning and dust/liquid protection.
- ✓ Optional Power over Ethernet (PoE) for easy installation and flexible placement.
- ✓ TPM 2.0 security for data protection in healthcare settings.
- ✓ DDR5 memory (up to 16GB) and M.2 SSD (128GB NVMe) for fast storage.
- ✓ Multiple I/O options for seamless connectivity with medical devices.
- ✓ Long-term support ensures stable, reliable performance over time.



## Eco Innovation

- RoHS Compliance
- REACH Compliance
- Green Manufacturing



WMP-109



# Specification



<b>CPU</b>	Intel® Alder Lake-N N97 Processor, 1.1GHz (up to 3.6G Hz), Max. TDP 6 W
<b>Graphic</b>	Intel® Integrated UHD Graphics
<b>Memory</b>	1 x DDR5 SO-DIMM sockets, Max. Capacity 16 GB ; Support Single Channel DDR5 4800 MHz memory modules
<b>TPM</b>	TPM 2.0 On Board
<b>OS Support</b>	Windows 10 IoT 2019 LTSC (64bit) / Windows 11 IoT LTSC
<b>Size</b>	10.1"
<b>Resolution (pixel)</b>	1280 x 800
<b>Number of Colors</b>	16.7M Colors
<b>View Angle (H/V)</b>	170(H) / 170(V)
<b>Brightness(cd/m<sup>2</sup>, nit)</b>	350 nits
<b>Contrast Ratio</b>	800:1 (Typ)
<b>Type</b>	Full Flat Projective Capacitive Touch Panel (Multi-touch)
<b>Light Transmission</b>	90 ± 3%
<b>Hardness / Interface</b>	7H pencil, pressure 750g/45° / Controller with USB interface, 5V
<b>Storage</b>	1 X M.2 M-key 2280 SSD, Defaulted NVMe. 128G
<b>Expansion</b>	1 x M.2 E-key 2230, 1 x Full Size Mini-PCle w/SIM slot
<b>USB</b>	2 x USB 3.2 Gen 2, 2 x USB 2.0
<b>COM</b>	1 x RS232/422/485 (default is RS232, RS422 and RS485 are by manually change jumper setting on mother board)
<b>LAN</b>	2 x RJ-45, Gigabit Ethernet
<b>Audio</b>	Line Out, 1 x 3.5mm Phone Jack, 1 x 1.5W Speaker
<b>Video (output)</b>	2 x HDMI
<b>Control Keys</b>	Rear Bottom: Power on /off, ATX Switch
<b>Power Input</b>	1 x 12~36 VDC-in
<b>Power Adapter</b>	External, 63 Watts, Universal 100 ~240V AC in, 12V DC Out
<b>Power Consumption</b>	TBD (12V)
<b>Temperature</b>	Operating Temperature: 12V DC Input 0~50°C (IEC60068-2-78)
<b>Humidity</b>	Operating & Storage: 10 ~ 90%, non-condensing
<b>Certification</b>	FCC/ VCCI Class B (PSU with PSE), Canada ICES-003, CE-EMC IEC60601-1-2 (V4.1)