



ALL IN ONE TOUCHSCREEN COMPUTER

AIO-W215-ADL-N97

15.6" Full HD Capacitive All IN One Touchscreen Computer with Intel® Alder lake N97 Processor



Features

- 15.6" (16:9) Full HD All-in-One Touchscreen Computer
- World Class Certifications for Safety and Reliability: CE/FCC/CB/UL/UKCA/IC
- Front IP65 Rating for protection against water and dust
- Scratch Resistant 7H Glass Hardness
- Versatile Display Outputs; HDMI and DP
- MTBF Up to 30,000 Hours

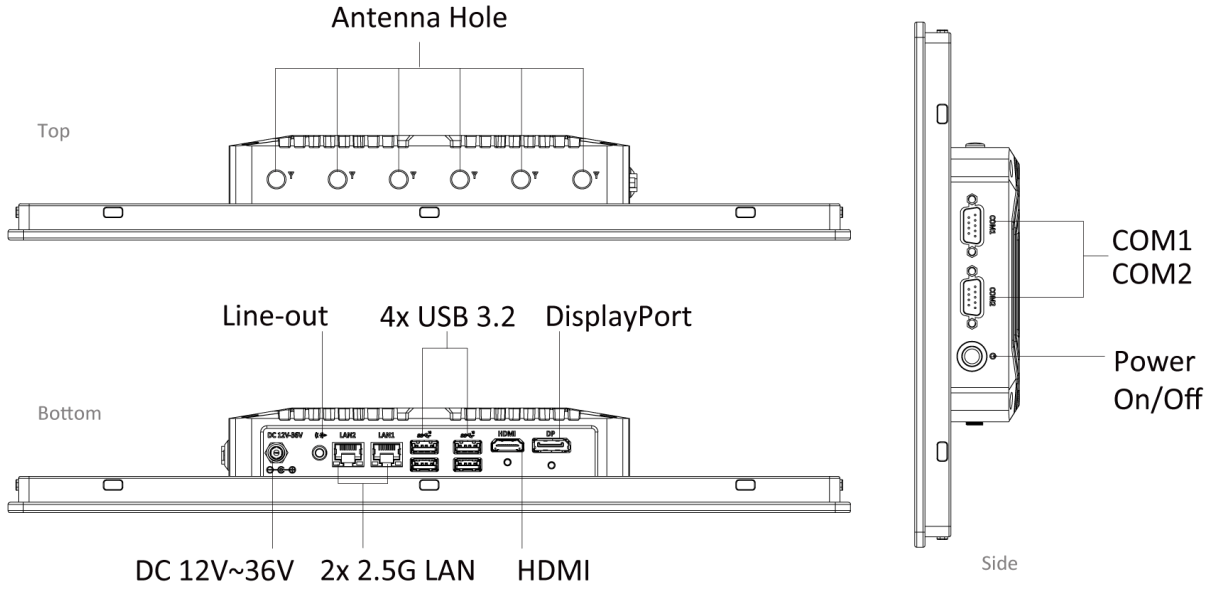
Specifications

| Display | |
|---|--|
| IP Rating | Front IP65 |
| LCD Size | 15.6" (16:9) |
| Max. Resolution | 1920 x 1080 (Full HD) |
| Brightness (cd/m ²) | 400 nits |
| Contrast Ratio | 800:1 |
| LCD Color | 16.7M |
| Pixel Pitch (mm) | 0.17925(H) x 0.17925(V) |
| Viewing Angle | 85 / 85 / 85 / 85 (Typ.) (CR>=10) |
| Backlight MTBF | 30,000 Hours (LED Backlight) |
| Touch | |
| Touch Type | Projected Capacitive Touch |
| Surface Hardness | 7H / IK07 |
| System | |
| Processor | |
| Intel® Processor N97 6M Cache, up to 3.60 GHz | |
| System Chipset | SoC integrated |
| LAN Chipset | GbE1: Intel I225-V (Support Wake-on-LAN and PXE) GbE1: Intel I225-V (Support Wake-on-LAN and PXE) |
| Audio Codec | Realtek ALC897 |
| System Memory | DDR5 4800MT/s SODIMM. Max up to 16GB (Default: 8GB) |
| BIOS | AMI uEFI 8Mbit SPI BIOS |
| Watchdog | Software Programmable Supports 1-255 sec. System Reset |
| Storage | |
| M.2 B Key | 128G M.2 B Key SSD (Default) |
| Expansion | |
| M.2 E Key | 1x M.2 E Key Support WiFi 6e (Optional) |
| I/O | |
| Audio | 1x Audio out |
| COM | 2x RS-232/422/485 by internal cable |
| DisplayPort | HDMI / DP / LVDS / eDP |
| LAN | 2x 2.5GbE LAN |
| USB | 4x USB 3.2 Gen 2 |
| Others | Support up to 6x Antenna (optional) |
| Operating System | |
| Windows | Windows 10 / Windows 11 |
| Linux | Linux Ubuntu 22.04 |
| Power | |
| Power Adapter | 60W (12V 5A, Default) |
| Power Supply Voltage | DC 12-36V |
| Power Connector | DC Jack 5.5mm/2.5mm |
| Environment | |
| Operating Temperature | -10°C to 50°C |
| Storage Temperature | -20°C to 60°C |

| Relative Humidity | 10% to 80% (non-condensing) |
|-------------------|---|
| Certification | CE, FCC Class B, CB, UL Listed, UKCA |
| Vibration | IEC60068-2-64:2008 With SSD: 5 Grms (5 - 500 Hz, 0.5 hr/axis) Designed to comply with MIL-STD-810G Method 514.7 Procedure I |
| Shock | IEC60068-2-27:2008 With SSD: 50G half-sin 11ms Designed to comply with MIL-STD-810G Method 516.7 Procedure I |
| Physical | |
| Dimensions | 400 (W) x 249 (H) x 50 (D) mm |
| Weights | 2.3 kg |
| Mounting Options | Panel Mounting Holes M3 VESA Mount (75mm x 75mm/100mm x 100mm) |

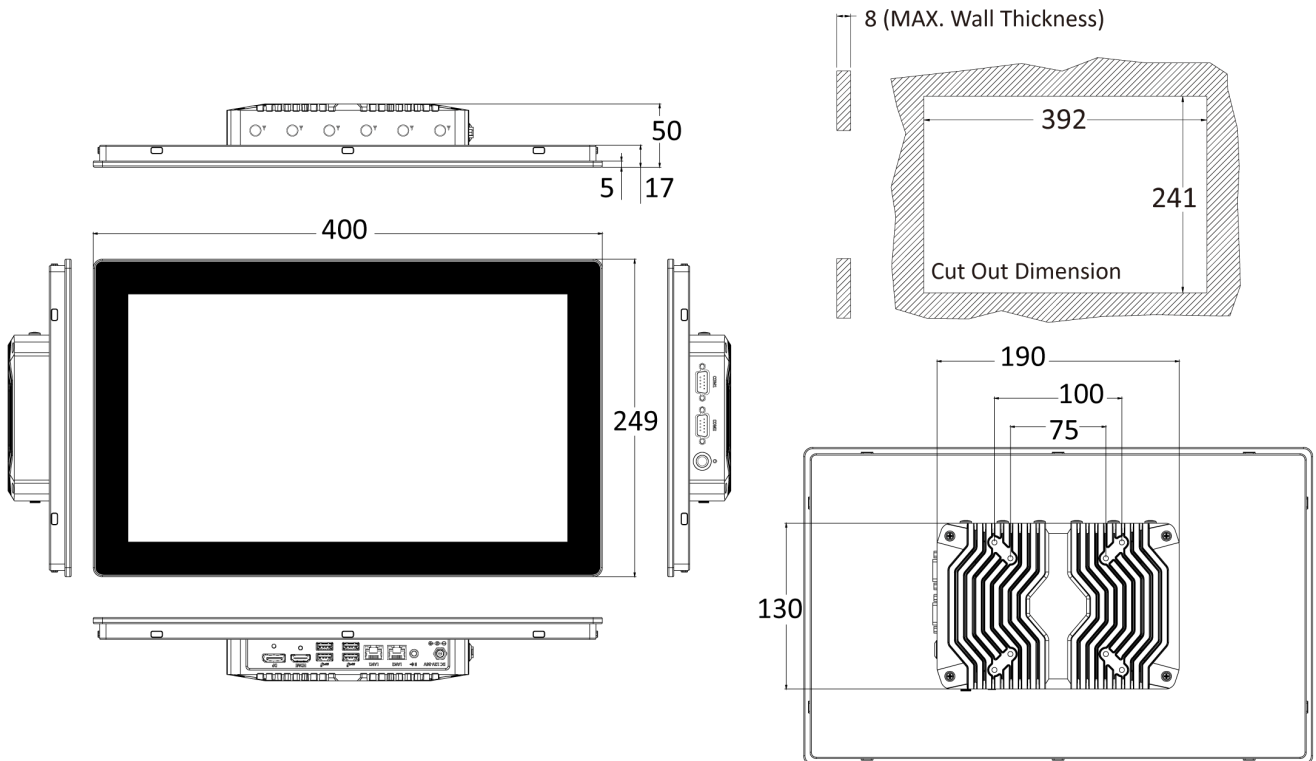
* All specifications and photos are subject to change without notice.

External I/O Mechanical Layout



Dimension

Unit: mm





AIO-W215-ADL-N97

Available Models

| Model No. | Description |
|-------------------|---|
| AIO-W215C-ADL-N97 | 15.6" Full HD Capacitive ALL IN One Touchscreen Computer with Intel® Alder lake N97 Processor |

Optional Accessories

| Model No. | Description |
|---------------|--|
| 1-E09A06012 | Adapter Output 12V 5A 60W / Input 100-240V |
| 3-WIFI0801S10 | WIFI 6E Module KIT, Intel, 2T2R & BT 5.3 |
| 1-TCOM00041 | COM cable (CT-240125-01/CHEN PERNG) |

Packing List

1x AIO-W215-ADL-N97 Series Touchscreen Computer
1x Adapter 60W 12V 5A
1x 128G M.2 B key SSD
1x 8GB DDR5 4800 MT/s



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Assured Systems

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