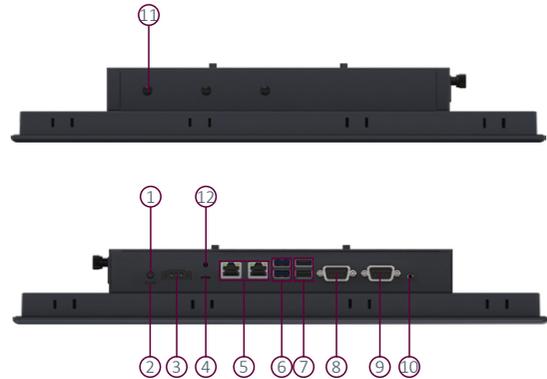


GOT115A-TWL-WCD NEW



15.6" WXGA TFT Fanless Touch Panel Computer with Intel® Processor N150



- | | |
|----------------------|-------------------------------|
| 1. Power button | 8. COM 1 (RS-232/422/485) |
| 2. AT/ATX switch | 9. COM 2 (RS-232) |
| 3. DC power input | 10. Audio |
| 4. USB Type-C | 11. 3 x antenna hole |
| 5. 2 x 2.5GbE LAN | 12. Lock hole for Type-C port |
| 6. 2 x USB 2.0 | 13. 2.5" SATA SSD storage |
| 7. 2 x USB 3.2 Gen 2 | 14. Flexible I/O Window |



▲ Side view



▲ Rear view



15



14



Fanless



Low Power



LPDDR5



AiRD



IP65



Type-C Display Output



EAPI



2.5GbE

Features

- 15.6" WXGA TFT LCD, 400 nits with LED backlight, PCAP
- Fanless design with Intel® N-series N150 (Twin Lake), onboard 8GB LPDDR5 memory
- 2 LAN, 4 USB, 1 USB Type C, 2 COM, and 1 Line-out
- Front bezel IP65 & rear cover IP30
- AT/ATX mode selectable via hardware switch
- Supports M.2 2242/2280 M-key (PCIe Gen 3 x2 NVMe), mSATA, and Wi-Fi (6E/7) or 4G LTE
- Supports removable 2.5" SATA SSD storage
- Supports Flexible I/O Window
- Operating temperature: -10°C to +50°C
- Supports panel mount, wall mount, VESA, and desktop stand

Introduction

The GOT115A-TWL-WCD is a 15.6" WXGA TFT fanless touch panel PC powered by the Intel® N150 processor (Twin Lake). Featuring an ultra-slim and lightweight design, it supports an extended operating temperature range from -10°C to +50°C, ensuring reliable performance in demanding environments.

With IP65-rated front bezel protection and MIL-STD-810H compliance, the GOT115A-TWL-WCD delivers exceptional durability and stability. It offers flexible storage options, including NVMe and mSATA, supports wireless connectivity via Wi-Fi 6E/7 or 4G LTE, and provides versatile I/O interfaces with four USB ports, one Type-C port, two Ethernet ports, and two COM ports.

Its fanless and energy-efficient design makes the GOT115A-TWL-WCD an ideal solution for space-constrained applications such as factory automation, machine control, and information display systems.

Specifications

| | | |
|------------------------------------|---|--|
| Front Bezel | IP65, NEMA 4 rugged protection, metal front bezel | |
| LCD Panel | Display Type | 15.6" WXGA TFT LCD with LED backlight 15.6" FHD TFT LCD with LED backlight (option) |
| | Brightness (cd/m ²) | 400 nits |
| | Resolution | 1366 x 768 |
| | Viewing Angel (H/V) | 170°/160° |
| Main System | CPU | Intel® processor N150 4 cores (up to 3.6 GHz) |
| | System Memory | Onboard 8GB LPDDR5 (16GB by option) |
| | BIOS | AMI UEFI BIOS |
| | Storage | 1 x M.2 Key M 2242/2280 (PCIe Gen 3 x2 NVMe) 1 x mSATA 1 x removable 2.5" SATA SSD |
| | Watchdog Timer | 65536 levels, 0 to 65535 sec. |
| I/O Connector | Onboard Graphics | Intel® UHD Graphics |
| | 1 x RS-232/422/485 | |
| | 1 x RS-232 | |
| | 2 x 2.5GbE Ethernet (I226-V, supports UEFI PXE boot and LAN wake-up, w/o TSN) | |
| | 2 x USB 3.2 Gen 2 | |
| | 2 x USB 2.0 | |
| | 1 x USB Type-C (Gen 2x1, 10Gbps, 5V/3A output, DP 1.4) | |
| | 1 x power input via 3-pin terminal block connector | |
| | 1 x power button | |
| | 1 x AT/ATX DIP switch | |
| 1 x Line-out | | |
| 1 x flexible I/O window (optional) | | |
| TPM | TPM 2.0 | |
| Expansion Interface | 1 x M.2 E Key 2230 for wireless (PCIe & USB 2.0) 1 x full-size mini PCIe slot (PCIe/SATA +USB) 1 x Nano SIM card slot | |
| Touchscreen | Projected capacitive multi-touch | |
| Power Supply | 9 to 36 VDC (typ. 12/24 VDC) | |
| Power Consumption | 53W | |
| Dimensions (W x D x H) | 409.2 x 56.6 x 265.2 mm (16.11" x 2.22" x 10.44") | |
| Packing Dimensions (W x D x H) | 533 x 222 x 463 mm (20.98" x 8.74" x 18.23") | |
| Weight (net/gross) | 4.5 kg (9.92 lbs)/6.2 kg (13.67 lbs) | |
| Operating Temperature | -10°C to +50°C (+14°F to +122°F) | |
| Relative Humidity | 10% to 95% @ +40°C, non-condensing | |
| Shock & Vibration | Vibration (operating): MIL-STD-810H, Method 514.8, Category 20, and Figure 514.8C-2 | |
| | Shock (operating): MIL-STD-810H, Method 516.8, Table 516.8-I, and Procedure I | |
| Certifications | CE Class A, IEC/EN 61000-6-4, IEC/EN 61000-6-2 (heavy industrial grade) | |
| | UKCA | |
| | FCC 47 CFR Part 15 Subpart B (Class A) RoHS standard | |

Ordering Information

Standard

| | |
|--------------------------------------|---|
| GOT115A-TWL-WCD (P/N: E22B115A00) | 15.6" WXGA 400 nits fanless touch panel computer with Intel® processor N150, onboard 8GB LPDDR5, projected capacitive multi-touch screen, 9 to 36VDC power input via 3-pin terminal block connector |
|--------------------------------------|---|

* Other configuration by request

* Specification and certifications may vary based on different requirements

Packing List

1 x GOT115A-TWL-WCD

Optional Accessories

Wi-Fi + Bluetooth kit

| | |
|--------------|--|
| E29R131113 | Panel mount kit |
| E29R131115 | Wall mount kit |
| E226171119 | Stand kit |
| E392902103 | AX92902 full-size PCI Express Mini module with Gigabit LAN |
| E392903102 | AX92903 full-size PCI Express Mini module with CAN bus |
| E392906101 | AX92906 full-size PCI Express Mini module with 2 COM |
| E392918103 | AX92918 full-size PCI Express Mini module with 2 Gigabit LAN |
| 509000005500 | Adapter 60W/24V FSP060-DAAN3 |

Optional OS Installation

Windows® 11, Windows® 11 IoT, and Linux

Dimensions

