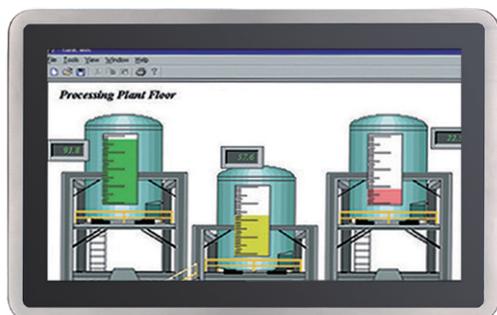


GOT815A-TGL-WCD NEW

15.6" WXGA TFT IP66 & IP69K-rated Stainless Steel Fanless PCT Panel Computer with Intel® Core™ i5-1145G7E or Celeron® 6305E Processor and Flat Bezel Design (-20°C to +50°C)

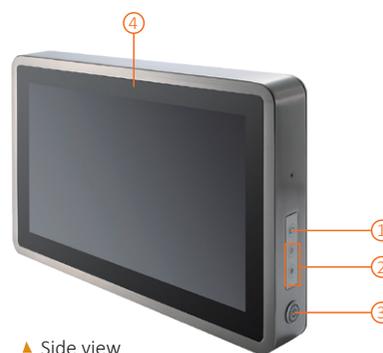


5 6 7 8 9 10

- | | |
|---|--|
| 1. Backlight on/off | 6. 1 x 2.5GbE LAN |
| 2. Brightness settings +/- | 7. 1 x RS-232/422/485 (default RS-232) |
| 3. Power on/off | 8. 1 x RS-232/422/485 (default RS-232) |
| 4. Proximity and light sensors (optional) | 9. 2 x USB 2.0 |
| 5. DC power connector | 10. 2 x USB 2.0 |

Features

- 15.6" WXGA TFT flat bezel LCD display
- IP66/IP69K-rated (NEMA 4) water/dust design
- Full stainless-steel enclosure with SUS 304
- -20°C to +50°C wide operating temperature range
- Fanless design with Intel® Core™ i5-1145G7E or Celeron® 6305E processor
- Wi-Fi kit for wireless network connectivity (optional)
- Supports VESA mount
- M12-type connectors for harsh environments
- Supports proximity and light sensors (optional)



▲ Side view

Introduction

The 15.6-inch GOT815A-TGL-WCD is specially designed for food processing applications. Its IP66-rated stainless steel housing protects entire system from damage of water, powder and dust. It also supports a wide operating temperature range from -20°C to +50°C. Thus, this robust unit is specifically designed for high humidity, dusty or wet spaces in food factories or kitchens and more harsh applications.

Full IP66 and IP69K Certified

The GOT815A-TGL-WCD adopts a water/dust-proof housing design with five IP66-rated M12 I/O connectors and IP69K that ensures the product's ability to resist ingress of high temperature and high pressure water. It was not only tested entire system IP66 by SGS and passed but also tested by a spray nozzle with high temperature water (+80°C), a flow rate of 14 to 16 L/min and a nozzle hold with distance 10 to 15 cm away from the device at angles of 0°, 30°, 60° and 90° for 30 seconds. The GOT815A-TGL-WCD is qualified to meet harsh-environment applications.

Wide Temperature (-20°C to +50°C) & Anti-vibration (1G) Design

The GOT815A-TGL-WCD featuring fanless and noiseless design supports a wide operating temperature range from -20°C to +50°C. Besides, the patent of anti-vibration for SSD ensures reliability and stability.

Specifications

| | | |
|-----------------------|--|--|
| Enclosure | Stainless steel (SUS) 304 or 316 (optional) | |
| LCD Panel | Display Type | 15.6" WXGA TFT LCD |
| | Brightness (cd/m ²) | 400 nits |
| | Resolution | 1366 x 768 |
| | Viewing Angle (H/V) | 160°/140° |
| Main System | CPU | Intel® Core™ i5-1145G7E (Tiger Lake) 2.6 GHz or Celeron® 6305E 1.8 GHz |
| | Chipset | SoC integrated |
| | TPM | TPM 2.0 on board |
| | System Memory | 1 x 260-pin DDR4-3200 SO-DIMM, up to 32GB |
| | BIOS | AMI UEFI BIOS |
| | Storage | 1 x 2.5" SATA SSD/HDD (9.5mm height) |
| | Watchdog Timer | 255 levels, 1 to 255 sec. |
| | Onboard Graphics | Integrated with Intel® Iris® Xe Graphics |
| I/O Connector | 2 x RS-232/422/485 (default RS-232, A-coded) | |
| | 4 x USB 2.0 (A-coded) | |
| | 1 x 2.5GBase-T Ethernet with Intel® I225 (X-coded) supporting Wake-on-LAN and PXE Boot ROM | |
| | 1 x DC power connector (M12 A-coded) | |
| Expansion Interface | 1 x M.2 Key E slot (with PCIe x1 and USB 2.0 supported), dimensions: 22 x 30 mm | |
| Touchscreen | Projected capacitive multi-touch | |
| Power Input | 12 to 24 VDC | |
| Power Consumption | 72W | |
| Dimensions | 414.8 mm (16.33") (W) x 55 mm (2.2") (D) x 265.1 mm (10.44") (H) | |
| Packing Dimensions | 535 mm (21.06") (W) x 196 mm (7.72") (D) x 485 mm (19.09") (H) | |
| Weight (net/gross) | 5.8 kg (12.78lb)/8.8 kg (19.40lb) | |
| Operating Temperature | -20°C to +50°C (-4°F to +122°F) | |
| Relative Humidity | 10% - 95% @ +40°C, non-condensing | |
| Operation Vibration | 1G, 5 - 500Hz, random for 2.5" SSD | |
| Certifications | CE/FCC certified | |
| | C1D2/ATEX (optional) | |

*W.T.: Wide temperature. All W.T. supported products have to be sorted by Axiomtek.

Ordering Information

| | |
|--------------------------------------|--|
| GOT815A-TGL-WCD (P/N: E22B815A00) | 15.6" WXGA fanless IP66 & IP69K-rated stainless steel touch panel computer with Intel® Core™ i5-1145G7E, projected capacitive touch screen, 400 nits LCD, and 12 to 24 VDC power input |
|--------------------------------------|--|

* Other configuration by request

* Specification and certifications may vary based on different requirements

Packing List

| |
|---------------------|
| 1 x GOT815A-TGL-WCD |
| 1 x DC cable |

Optional Accessories

| | |
|--------------|--------------------------------|
| 594B8122100E | Water-proof COM cable (1.8 m) |
| 594B7102700E | Water-proof LAN cable (1.8 m) |
| 594B8152820E | Water-proof USB cable (1.8 m) |
| 509000002200 | Adapter 24V 90W, M12 A-code 5P |

Optional EOS Installation

Windows® 10 IoT, Windows® 11 IoT

Optional OS Installation

Windows® 10, Windows® 11 and Linux

Dimensions

