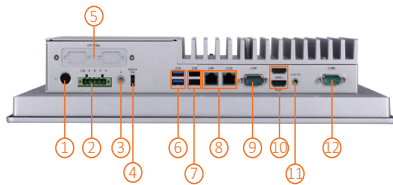


# GOT317B-ADL-TRD

17" SXGA Fanless Touch Panel Computer with LGA1700 Socket 13th/12th Gen Intel® Core™ i7/i5/i3 or Pentium® Processor



1. Power button
2. Phoenix type connector for DC power input
3. Grounding hole
4. Remote power switch
5. Flexible I/O window
6. USB 3.2 Gen1
7. USB 2.0
8. Gigabit LAN
9. COM1
10. HDMI 1.4b
11. Line-out
12. COM2

## Features

- 17" SXGA LCD with 350 nits of brightness
- 5-wire resistive touch
- Supports one 2.5" SATA HDD/SSD
- Flat front panel touch screen with rugged IP65 front bezel
- Fanless design
- Supports WLAN module and antenna (optional)
- Supports 4 USB and 2 COM ports
- TPM 2.0 onboard
- Swappable HDD tray
- Supports panel mount, VESA mount, desktop stand, and wall mount



▲ Rear view



▲ Side view

## Introduction

The GOT317B-ADL-TRD is a versatile touch panel PC featuring a fanless design and a 17-inch SXGA LCD display. It supports the LGA1700 socket 13th/12th gen Intel® Core™ i7/i5/i3 or Pentium® processor. Additionally, it offers M.2 Key E and PCIe Express Mini Card slots for effortless integration of add-on devices including Wi-Fi modules, making it an ideal choice for applications such as factory automation and oil pipe monitoring systems.

17" SXGA LCD with 5-wire resistive touch

The 17-inch SXGA touch panel PC supports a brightness of 350 nits, enabling HD resolution content display. Its fanless design and flat-panel touch enhance usability, enabling intuitive operation and ensuring a user-friendly experience.

## Specifications

|             |                                 |                                                                                      |
|-------------|---------------------------------|--------------------------------------------------------------------------------------|
| Front Bezel | IP65 front bezel                |                                                                                      |
| LCD Panel   | Display Type                    | 17" SXGA TFT LCD                                                                     |
|             | Brightness (cd/m <sup>2</sup> ) | 350 nits                                                                             |
|             | Resolution                      | 1280 x 1024                                                                          |
| Main System | CPU                             | LGA1700 socket 13th/12th gen Intel® Core™ i7/i5/i3 or Pentium® processor (up to 35W) |
|             | Chipset                         | Intel® H610                                                                          |
|             | System Memory                   | 1 x 260-pin DDR4 3200MHz SO-DIMM, up to 32GB                                         |
|             | BIOS                            | AMI UEFI BIOS                                                                        |
|             | Storage                         | 1 x 2.5" SATA HDD(WT)/SSD (7mm and 9.5mm height, removable)                          |
|             | Watchdog Timer                  | 255 levels, 0 to 255 sec.                                                            |
|             | Onboard Graphics                | Intel® UHD Graphics 770                                                              |

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| I/O Connector         | 1 x 9-pin D-sub Male RS-232/422/485<br>1 x RS-232 via cable<br>1 x Flexible I/O window with support for COM3, COM4, and DIO (on-board optional)<br>1 x RJ-45 for 10/100/1000Mbps (Intel® I219-V)<br>1 x RJ-45 for 10/100/1000/2500Mbps (Intel® I225-V)<br>2 x USB 3.2 Gen1 (Type A)<br>2 x USB 2.0 (Type A)<br>1 x Phoenix type connector for DC power input<br>1 x Switch for power on/off (ATX)<br>1 x Line-out<br>2 x HDMI 1.4b<br>1 x Remote power switch<br>1 x Grounding hole |
| TPM                   | TPM 2.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Expansion Interface   | 1 x M.2 Key E 2230 with PCIe x1 and USB 2.0<br>1 x PCI Express Mini Card (USB+PCIe signal+nano SIM slot "LTE")                                                                                                                                                                                                                                                                                                                                                                      |
| Touchscreen           | 5-wire resistive touch screen                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Power Supply          | 10 to 36V DC-in (typical 12/24VDC) via terminal block                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Power Consumption     | 120W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Dimensions            | 398 mm (15.67") (W) x 77.5mm (3.05") (D) x 330.45mm (13") (H)                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Packing Dimensions    | 625mm (24.61") (W) x 260mm (10.24") (D) x 600mm (23.62") (H)                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Weight (net/gross)    | 7.36 kg (16.22 lb)/11 kg (24.25 lb)                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Operating Temperature | -10°C to 50°C (35W CPU/SSD)                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Relative Humidity     | 10% to 95% @40°C; non-condensing                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Operation Vibration   | 1G/5 to 500Hz/operation (SSD, random)                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Certifications        | CE Class A, IEC/EN61000-6-4, IEC/EN61000-6-2<br>FCC 47 CFR Part 15 Subpart B (Class A)<br>UKCA<br>RoHS standard                                                                                                                                                                                                                                                                                                                                                                     |

## Ordering Information

|                   |                                                                                                                         |
|-------------------|-------------------------------------------------------------------------------------------------------------------------|
| GOT317B-ADL-TRD   | 17" SXGA TFT fanless touch panel computer with LGA1700 socket 13th/12th gen Intel® Core™ i7/i5/i3 or Pentium® processor |
| (P/N: E22B317B00) | (up to 35W), 5-wire resistive touch screen, and 10 to 36 VDC terminal block with small Phoenix connector                |

\* Other configuration by request

\* Specification and certifications may vary based on different requirements

## Packing List

|                         |
|-------------------------|
| 1 x GOT317B-ADL-TRD     |
| 1 x Phoenix connector   |
| 1 x Panel mount kit set |

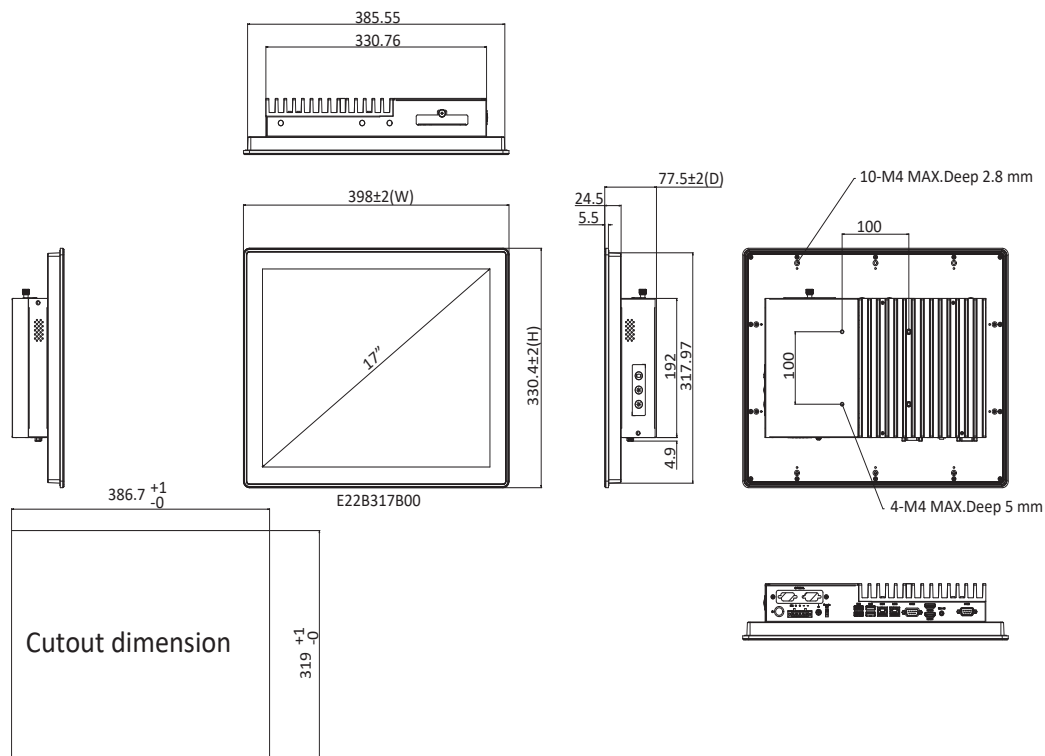
## Optional Accessories

|              |                                                                    |
|--------------|--------------------------------------------------------------------|
| 4G LTE Kit   |                                                                    |
| Wi-Fi kit    |                                                                    |
| 881231770A0E | Wall mount kit                                                     |
| 50906A24000E | Adapter 24V230W FSP230-AAAN3 WIRE FSP                              |
| 509000001500 | Adapter 24V120W FSP120-AAAN3 WIRE FSP                              |
| 882317701A0E | GOT3177T Panel Mount Kit (E)                                       |
| E392902103   | AX92902+AX93287 full-size PCI Express Mini module with Gigabit LAN |
| E392903102   | AX92903 full-size PCI Express Mini module with CAN Bus             |
| E392904102   | AX92904 full-size PCI Express Mini module with 32-bit DIO          |
| E392906101   | AX92906 full-size PCI Express Mini module with COM                 |
| E392918103   | AX92918 full-size PCI Express Mini module with 2 Gigabit LAN       |

## Optional OS Installation

Win10, Win10 IoT, Win11, Win11 IoT, Linux

## Dimensions



## Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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