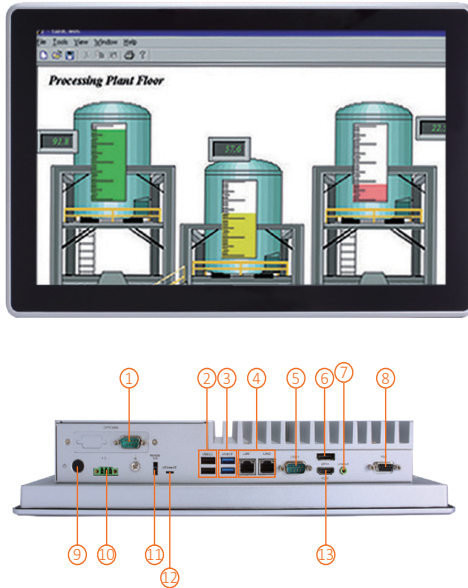


# GOT321W-521

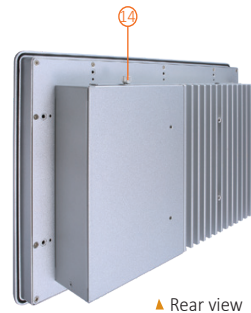
21.5" FHD TFT Expandable Touch Panel Computer with LGA1151 9th/8th Gen Intel® Core™ i7/i5/i3, Intel® Pentium® Gold or Intel® Celeron® Processor (up to 35W)



- |                    |                                       |
|--------------------|---------------------------------------|
| 1. 1 x COM (cable) | 8. 1 x VGA                            |
| 2. 2 x USB 2.0     | 9. Power button (ATX)                 |
| 3. 2 x USB 3.0     | 10. Terminal block for DC power input |
| 4. 2 x LAN         | 11. Remote power switch               |
| 5. 1 x COM         | 12. AT/ATX selectable switch          |
| 6. 1 x DisplayPort | 13. 1 x HDMI                          |
| 7. 1 x Line-out    | 14. Swappable HDD                     |

## Features

- 21.5" FHD 10-point multi-touch projected capacitive widescreen or 5-wire resistive touch
- Fanless design with LGA1151 9th/8th gen Intel® Core™ i7/i5/i3, Intel® Pentium® Gold or Intel® Celeron® processor
- Supports WLAN module and antenna (optional)
- 2.5" SATA HDD/SSD
- 2 LAN, 4 USB, 2 COM, 1 HDMI, 1 DisplayPort, and 1 VGA
- IP65-rated aluminum front bezel
- Supports panel mount, VESA mount, and wall mount



## Introduction

The GOT321W-521 is a fanless panel PC with 21.5-inch FHD LCD and supports LGA1151 9th/8th gen Intel® Core™ i7/i5/i3, Intel® Pentium® Gold or Intel® Celeron® processor (up to 35W). It also provides M.2 Key E and PCI Express Mini Card slots for add-on devices (e.g. Wi-Fi module) for factory automation and oil pipe monitoring system.

### 21.5-inch FHD LCD with PCT or Resistive Touch

The GOT321W-521 supports 250 nits brightness with FHD resolution. Equipped with projected capacitive multi-touch screen or 5-wire resistive touch, the GOT321W-521 is user-friendly for operators. The touch glass surface is also up to 3H for anti scratch.

## Specifications

|             |                                           |                    |
|-------------|-------------------------------------------|--------------------|
| Front Bezel | Aluminum w/ IP65/NEMA 4 rugged protection |                    |
| LCD Panel   | Display Type                              | 21.5" FHD TFT      |
|             | Brightness                                | 250 nits           |
|             | Resolution                                | 1920 x 1080 pixels |
|             | Viewing Angle                             | 178°/178°          |

|                       |                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                          |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| Main System           | CPU                                                                                                                                                                                                                                                                                                                                                                                  | LGA1151 9th/8th gen Intel® Core™ i7/i5/i3, Intel® Pentium® Gold or Intel® Celeron® processor (up to 35W) |
|                       | Chipset                                                                                                                                                                                                                                                                                                                                                                              | Intel® H310                                                                                              |
|                       | System Memory                                                                                                                                                                                                                                                                                                                                                                        | 1 x 260-pin DDR4-2666/2400 SO-DIMM, up to 32GB                                                           |
|                       | BIOS                                                                                                                                                                                                                                                                                                                                                                                 | AMI UEFI BIOS                                                                                            |
|                       | Storage                                                                                                                                                                                                                                                                                                                                                                              | 1 x mSATA<br>1 x 2.5" SATA HDD/SSD (7 mm and 9.5 mm height; removable)                                   |
|                       | Drive                                                                                                                                                                                                                                                                                                                                                                                | N/A                                                                                                      |
|                       | Watchdog Timer                                                                                                                                                                                                                                                                                                                                                                       | 255 levels, 0 to 255 sec.                                                                                |
|                       | Onboard Graphics                                                                                                                                                                                                                                                                                                                                                                     | Intel® integrated Gfx graphic engine                                                                     |
| IO Connector          | 1 x 9-pin D-sub Male for RS-232<br>1 x RS-232/422/485<br>2 x RJ-45 GbE LAN<br>2 x USB 3.0<br>2 x USB 2.0<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>1 x HDMI 1.4b<br>1 x DisplayPort v1.2 (DisplayPort++)<br>1 x VGA<br>1 x Remote power switch<br>1 x AT/ATX switch (DC type only)<br>1 x Grounding hole (DC Version) |                                                                                                          |
| TPM                   | TPM 2.0                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                          |
| Expansion Interface   | 1 x Full-size PCI Express Mini Card slot (PCIe + SATA + USB)<br>1 x M.2 Key E 2230 (for Wi-Fi)                                                                                                                                                                                                                                                                                       |                                                                                                          |
| Touchscreen           | 10-point projected capacitive multi-touch<br>5-wire flat resistive touch                                                                                                                                                                                                                                                                                                             |                                                                                                          |
| Power Supply          | +12V/+19V/+24VDC<br>1 x Terminal block                                                                                                                                                                                                                                                                                                                                               |                                                                                                          |
| Power Consumption     | 105W                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                          |
| Dimensions            | 547.59 mm (21.56") (W) x 75.6 mm (2.98") (D) x 339.05 mm (13.49") (H)                                                                                                                                                                                                                                                                                                                |                                                                                                          |
| Packing Dimensions    | 720 mm (28.34") (W) x 210 mm (8.27") (D) x 550 mm (2.17") (H)                                                                                                                                                                                                                                                                                                                        |                                                                                                          |
| Weight (net/gross)    | 8.4 kg (18.5 lb)/11.3 kg (24.9 lb)                                                                                                                                                                                                                                                                                                                                                   |                                                                                                          |
| Operating Temperature | 0°C to +50°C (+32°F to +122°F)                                                                                                                                                                                                                                                                                                                                                       |                                                                                                          |
| Relative Humidity     | 20% to 90% @ +40°C; non-condensing                                                                                                                                                                                                                                                                                                                                                   |                                                                                                          |
| Operating Vibration   | 1.0G, 5 - 500Hz, random                                                                                                                                                                                                                                                                                                                                                              |                                                                                                          |
| Certifications        | CE                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                          |

## Ordering Information

|                                       |                                                                                                                                                                                                                                                                 |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| GOT321W-521-C-DC<br>(P/N: E22B321105) | 21.5" FHD TFT fanless touch panel computer with LGA1151 socket 9th/8th gen Intel® Core™ i7/i5/i3, Intel® Pentium® Gold or Intel® Celeron® processor (up to 35W), projected capacitive multitouch screen, and 24 VDC terminal block with small Phoenix connector |
| GOT321W-521-R-DC<br>(P/N: E22B321106) | 21.5" FHD TFT fanless touch panel computer with LGA1151 socket 9th/8th gen Intel® Core™ i7/i5/i3, Intel® Pentium® Gold or Intel® Celeron® processor (up to 35W), resistive touch screen, and 24 VDC terminal block with small Phoenix connector                 |

\* Other configuration by request

\* Specification and certifications may vary based on different requirements

## Packing List

1 x GOT321W-521  
 1 x Phoenix connector  
 1 x Panel mount kit

## Optional Accessories

Wi-Fi kit

|              |                                           |
|--------------|-------------------------------------------|
| 881231770A0E | Wall mount kit                            |
| 509000001500 | Adaptor 24V/120W, wire only, FSP120-AAAN3 |
| 594K6220210E | Remote power cable, L=720mm               |

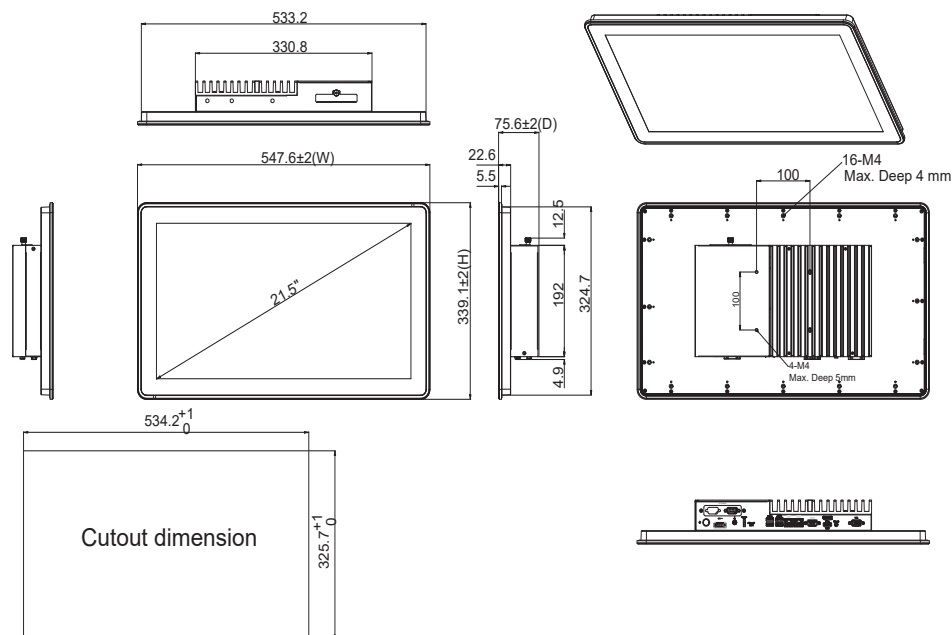
## Optional EOS Installation

Windows® 10 IoT Enterprise

## Optional OS Installation

Windows® 10

## 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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