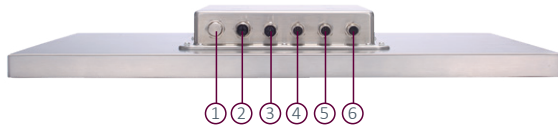
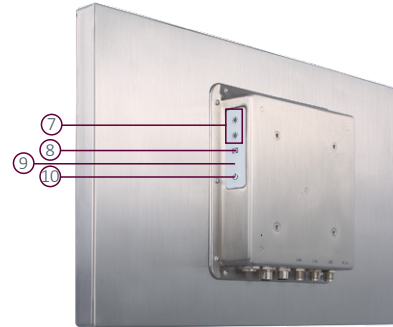


GOT521-RPL-WCD NEW

21.5" FHD TFT IP66 & IP69K-rated Stainless Steel Fanless PCT Panel Computer with Intel® Core™ i5-1335UE or Processor U300E and Flat Bezel Design (-20°C to +50°C)



1. 1 x optional M12 I/O blank via cable:
2 x USB 2.0, 1 x COM (RS-232)
2. 1 x GbE LAN
3. 1 x 2.5GbE LAN
4. 1 x COM (RS-232/422/485)
5. 1 x USB 2.0 dual-port
6. DC-IN
7. Brightness settings +/-
8. Display on/off (backlight and touch configurable)
9. LED light (green LED: power status; red LED: storage)
10. Power on/off



Fanless



Low Power



Wide Temp.



DDR5



IP66 & IP69K



M12 Connector



High Brightness

Features

- 21.5" FHD TFT flat bezel LCD display
- Fanless design with Intel® Core™ i5-1335UE or U300E processor
- Full SUS304 stainless steel enclosure with IP66 & IP69K
- Supports vertical installation with 90° rotated I/O
- Supports proximity and light sensors
- EC control (backlight on/off, brightness, light sensor, touch on/off, and Super I/O)
- Smart Ignition for intelligent power management
- Programmable OSD function key
- Operating temperature: -20°C to +50°C
- Optional high brightness display (1000 nits)



Introduction

The 21.5-inch GOT521-RPL-WCD combines an ultra-thin, modular design with high durability, making it ideal for food processing, chemical industries, light industry, and semi-outdoor environments. Its full IP66 & IP69K stainless steel SUS 304 enclosure offers complete protection against water, dust, and powder, while the lockable M12 I/O module further enhances its resilience.

This robust system features a 21.5" FHD TFT flat bezel LCD display and operates fanlessly, powered by an Intel® Core™ i5-1335UE or U300E processor. It supports a broad operating temperature range from -20°C to +50°C and offers flexibility with options for NVMe, mSATA, Wi-Fi 6E/7, or 4G LTE. Additionally, it provides proximity and light sensors, along with enhanced EC control for backlight, brightness, touch function, and Super I/O management.

Specifications

Enclosure	Stainless steel (SUS) 304 or 316 (optional)	
LCD Panel	Display Type	21.5" FHD TFT LCD
	Brightness (cd/m ²)	400 nits (default) / 1000 nits (optional)
	Resolution	1920 x 1080
	Viewing Angle (H/V)	178°/178°
Main System	CPU	Intel® Core™ i5-1335UE 1.3 GHz or processor U300E 1.1 GHz
	Chipset	SoC integrated
	TPM	dTPM 2.0
	System Memory	1 x 262-pin DDR5 SO-DIMM, up to 48GB
	BIOS	AMI UEFI BIOS
	Storage	1 x M.2 2280, NVMe (Gen4x4) or auto-detect SATA 1 x mSATA
	Watchdog Timer	65536 levels, 0 to 65535 sec.
	Onboard Graphics	Intel® Iris® X® Graphics (i5-1335UE)
I/O Connector	1 x RS-232/422/485 (default RS-232, A-coded)	
	1 x USB 2.0 dual-port (A-coded)	
	1 x 2.5GBase-T Ethernet with Intel® I226 (X-coded), supporting wake-on-LAN and PXE boot ROM	
	1 x 1GBase-T Ethernet with Intel® I210 (X-coded)	
	1 x optional M12 I/O blank via cable (2 x USB 2.0, 1 x COM RS-232)	
	1 x M12 DC power connector (A-coded) with ACC support	
Expansion Interface	1 x full-size PCIe Mini Card slot (USB + PCIe/SATA) with nano-SIM socket; supports PCIe Mini Card or mSATA with auto-detection 1 x M.2 Key E 2230 slot for Wi-Fi + Bluetooth module 1 x M.2 Key M 2280 slot (PCIe Gen4 x4/SATA) for SSD (NVMe/SATA) or PCIe device with auto-detection	
Touchscreen	Projected capacitive multi-touch	
Power Input	9 to 36VDC	
Power Consumption	86.4W	
Dimensions (W x D x H)	531.6 x 60.5 x 318 mm (20.93" x 2.38" x 12.52")	
Packing Dimensions (W x D x H)	728 x 518 x 271 mm (28.66" x 20.39" 10.67")	
Weight (net/gross)	7.5 kg (16.53 lb)/11 kg (24.25 lb)	
Operating Temperature	-20°C to +50°C (-4°F to +122°F)	
Relative Humidity	10% to 95% @ +40°C, non-condensing	
Operation Vibration	1G, 5 to 500Hz, random for M.2 SSD	
Certifications	CE Class A, IEC/EN 61000-6-4, and IEC/EN 61000-6-2	
	FCC 47 CFR Part 15 Subpart B (Class A)	
	UKCA	
	RoHS standard	

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

Ordering Information

GOT521-RPL-WCD (P/N: E22B521100)	21.5" FHD TFT IP66 & IP69K-rated stainless steel fanless PCT panel computer with Intel® Core™ i5-1335UE processor and flat bezel design
GOT521-13C-WCD (P/N: E22B521101)	21.5" FHD TFT IP66 & IP69K-rated stainless steel fanless PCT panel computer with Intel® Core™ U300E processor and flat bezel design

*Other configurations available upon request

**Specifications and certifications may vary based on requirements



Packing List

1x GOT521-RPL-WCD
1 x M12 DC power cable (594B7100B00E)

Optional Accessories

Wi-Fi 6E/7 kit	
LTE 4G kit	
509000002200	24V/90W adapter, M12 A-coded 5P, AC to DC VOUT=24V,3.75A/ 100 to 240V, FSP090-AAAN3
594B8120B30E	DC-in cable M12 female 5P 180 cm without ACC
594B8122820E	USB cable M12-8P-F/2*A type 180 cm
594B8152710E	LAN cable M12-XCODE/RJ-45 plug, CAT6, 180 cm
594B8122100E	RS-232 cable M12-8F to DSUB 9M 180 cm

Optional OS Installation

Windows® 10, Windows® 11, and Linux

Dimensions

