

GOT-3120T/GOT-3120TL

12.1" SVGA TFT Extended Temp. Fanless Touch Panel Computer (-20° ~ +55° C)

12.1" SVGA TFT Cost-effective Fanless Touch Panel Computer



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|---------------------------|--------------------|
| 1. Power switch | 6. Ethernet |
| 2. Audio (Line-out) | 7. USB 2.0 x 2 |
| 3. COM 1 (RS-232/422/485) | 8. PS/2 K/B/M/S |
| 4. VGA | 9. COM 2 (RS-232) |
| 5. Ethernet | 10. COM 3 (RS-232) |

Features



- 12" SVGA (800 x 600) color TFT LCD display
- Fanless cooling system with ULV Intel® Celeron® M 1.0 GHz
- Supports wide temperature range of -20° ~ +55° C (GOT-3120T)
- Slim design: thickness 69mm
- Anti-vibration up to 1.3G (HDD, random)
- Supports WLAN antenna (optional)
- Easy for expansion: MiniPCI extension slot
- Over-current protection-fuse
- Supports various mounting ways: panel, desktop, VESA, wall (optional)



Side view

Introduction

GOT-3120T/TL is the 12.1" fanless touch panel computer. By supporting a wide temperature range from -20° to +55° C, the GOT-3120T is especially designed for harsh environments. In response to market demands, the GOT-3120TL is a cost effective product. The GOT-3120T/TL adopts a modern, super sleek fanless design, is equipped with a 12.1" TFT LCD, and low power consumption ULV Intel® Celeron® M 1 GHz processor. In response to customer's requests for wireless applications, the GOT-3120T has a MiniPCI slot and an optional fixed rotational WLAN antenna for wireless network connection. By just plugging in the MiniPCI WLAN card, customers have instant access wireless LAN. The GOT-3120T/TL is suitable for many applications including transportation, train, control platforms on ships, oil pipe monitoring systems, and environmental monitoring of steelworks.

Wide-temperature (-20° ~ +55° C) supported (GOT-3120T)

The GOT-3120T adopts unique extended temperature technology, with a temperature range from -20° to +55° C, with a fanless cooling system and compact design for harsh environments.

Super slim design: 69mm

The GOT-3120T/TL is a super slim fanless touch panel computer for limited space environments. This fanless touch panel computer is designed around the concept of curved lines and soft edges by incorporating and ULV Intel® Celeron® M processor CPU and a streamlined mechanical layout.

WLAN antenna supported (optional)

The GOT-3120T/TL provides a MiniPCI slot and an optional fixed rotational WLAN antenna for wireless network connections. By simply plugging in the wireless LAN card, customers can use the GOT-3120T in a wireless environment.

Anti-vibration up to 1.3G

With a special vibration-resistant design patent, GOT-3120T/TL can work well under 1.3G (5-500Hz) in operation mode, and equipped with a 2.5" HDD.

Specifications

Front Bezel	IP65, NEMA 4 rugged protection, aluminum front bezel		Chipset	Intel® 852GM+ICH4
LCD Panel	Display Type	12.1" SVGA TFT LCD	System	1 x 200-pin DDR SODIMM max.
	Brightness (cd/m ²)	450 nits (GOT-3120T)	Memory	up to 1 GB
		370 nits (GOT-3120TL)	BIOS	Award 4Mbit with RPL/PXE LAN boot ROM, Smartview and customer CMOS backup
	Resolution	800 x 600	Storage	1 x 2.5" IDE HDD
View Angle (H/V)	140° / 110°			1 x CompactFlash™
	Main System	CPU	ULV Intel® Celeron® M processor 1.0 GHz	

	Watchdog Timer	255 levels, 0-255 sec.
	Onboard Graphics	Integrated Intel® 852GM GMCH
I/O Connector	2 x RS-232 (COM 2/3) 1 x RS-232/422/485 (COM 1) 1 x VGA 1 x Audio (Line-out) 1 x PS/2 keyboard/mouse 2 x USB 2.0 2 x 10/100Mbps Ethernet	
Expansion Interface	1 x MiniPCI slot	
Touchscreen	Resistive type	
Power Supply	16-28V _{dc} , 36W, w/ fuse power protection	
Dimensions	332mm (13") (W) x 69.5mm (2.7") (D) x 267mm (10.5") (H)	
Weight (net/gross)	5.4 kg (12 lb)/7.21 kg (15.90 lb)	
Environmental	Operation temperature: -20°C ~ +55°C (-4°F ~ +131°F) (GOT-3120T) 0°C ~ +50°C (32°F ~ 122°F) (GOT-3120TL) Relative humidity: 10% ~ 95% @ 40°C; non-condensing Operation vibration: 1.3G, 5 ~ 500Hz, random for 2.5" HDD 3G, 5 ~ 500Hz, random for CompactFlash™	
Certification	CE	

Ordering Information

GOT-3120T	12.1" SVGA TFT fanless touch panel computer with extended temp. (-20°C ~ +55°C)
GOT-3120TL	12.1" SVGA TFT cost-effective fanless touch panel computer (0° ~ +50°C)
82231200090E	Wall/VESA mount kit for GOT-3120T/TL
82231200080E	Desktop stand kit for GOT-3120T/TL
E392203100	802.11 b/g wireless LAN kit
50966A23030E	Power adapter, 72W, 110-230V _{ac} to 24V _{dc}

*Specifications and certifications are limited to optional.

Optional EOS Installation

Windows® XP Embedded
Windows® CE.NET

Optional OS Installation

Windows® 2000
Windows® XP
Linux Kernel 2.6

Touch Panel Computers for Various Industry Applications

Digital Signage and Display Solutions

Medical Panel Computers

Medical Grade Monitors

GOT Fanless Touch Panel Computers

Touch Panel Computers for Infotainment

Touch Panel Computers for Automation

Touch Panel Monitors for Automation

Dimensions

