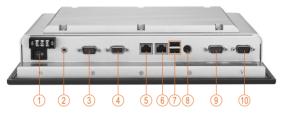
# GOT-3 | 20T/GOT-3 | 20TL

12.1" SVGA TFT Extended Temp. Fanless Touch Panel Computer 12.1" SVGA TFT Cost-effective Fanless Touch Panel Computer





- 1. Power switch
- 2. Audio (Line-out)
- 3. COM 1
- 4. VGA
- 5. 10/100 Base-T
- 6. 10/100 Base-T
- 7. USB 2.0
- 8. PS/2 keyboard/mouse
- 9. COM 2
- 10. COM 3 (USB)

### **Features**



- ▶ 12" SVGA (800 x 600) color TFT LCD display
- ► Fanless cooling system and ULV Intel® Celeron® M 1GHz (GOT-3120T); 600MHz/512k (GOT-3120TL)
- 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: 1 Mini PCI extension slot & 2 LAN port
- ► Over-current Protection-Fuse
- Supports various mounting ways: Panel, Desktop, VESA, Wall (optional)



Side view

#### Introduction

GOT-3120T and GOT-3120TL are 12.1" fanless touch panel computers. By supporting a wide temperature range from -20°~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 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 Mini PCI slot and a optional fixed rotational WLAN antenna for wireless network connection. By just plugging in the Mini PCI WLAN card, customers have instant access wireless LAN. The GOT-3120T and GOT-3120TL 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 between -20 $^{\circ}$  55 $^{\circ}$ C, with a fanless cooling system and compact design for harsh environments.

#### Super slim design: 69mm

The GOT-3120T and GOT-3120TL 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 a Celeron-M ULV CPU and a streamlined mechanical layout.

#### WLAN antenna supported (optional)

The GOT-3120T and GOT-3120TL provides a Mini PCI slot and a 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 and GOT-3120TL 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		
LCD Panel	12.1" SVGA TFT LCD		
	Brightness	450 nits	
	Resolution	800 x 600	
	View Angle	(H)130° (V)120°	
Main System	Main board	EP810	
	CPU	ULV Intel® Celeron® M processor	
		1 GHz (GOT-3120T)	
		ULV Intel® Celeron® M processor	
		600 MHz/512K (GOT-3120TL)	

 Chipset	Intel® 852GM+ICH4
System Memory	1 x 200pin DDR DIMM max. up to 1GB
BIOS	Award 4Mbit with RPL/PEX LAN boot ROM, Smartview and customer CMOS backup
Storage	CompactFlash™ or IDE interface 2.5 type HDD

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	Watchdog Timer	Reset supported; 255 levels
	Onboard	Integrated Intel® 852GM GMCH
	Graphics	
	PS/2 interface	1 x PS/2 for keyboard and mouse
	USB	2 x USB port; USB 2.0 compliant
	Ethernet	2 x 10/100Base-T (RJ-45)
I/O Connector	2 x D-sub 9-pin for RS-232	
	1 x D-sub 9-pin for RS-232/422/485	
	1 x D-sub 15-pin(female) for VGA output	
	1 x audio (Line-out)	
	1 x MiniPCI	
Touchscreen	Resistive type	
Power Supply	16~28Voc fuse power protection	
Dimension	332mm (13") (W) x 69.5mm (2.7") (D)	
	x 267mm (	
Neight -	5.4kg (12 lb)	
Certification	CE	
Environment	Operation temperature:	
	-20°~55°C (-4°~131°F) (GOT-3120T)	
	0°~50°C (32°~122°F) (GOT-3120TL)	
	Relative humidity:	
	10%~95% @40°C; non-condensing	
	Operation vibration:	
	1.3G, 5~500Hz, random for 2.5" HDD	
	3G, 5~500⊦	lz, random for CompactFlash™

### Ordering Information

GOT-3120T	12.1" SVGA TFT fanless touch panel computer with extended temp., resistive T/S,	
GOT-3120TI	12 1" SVGA TET cost-effective fanless touch	
QQ1 31201E	panel computer with resistive T/S, Intel® Celeron® M 600 MHz/512K	
Wall/VESA kit (Pre-install)	Wall/VESA mount kit for GOT-3120T	
Desktop stand (Pre-install)	Desktop stand kit for GOT-3120T	
E202003329	VM-105(ARM) LA-35-RC (VESA ARM wall mount	
E202003330	VM-101(ARM) LA-31-RC (VESA ARM Clamp Type	
50966A23020E	Adaptor 24VDC 72W	

# **Optional EOS Installation**

Windows® XP Embedded
Windows® CE.NET

## **Optional OS Installation**

Windows® 2000 Windows® XP Linux Kernel 2.6 Medical Panel

PANEL2000 Slim Client Panel

/TA Series

GOT Fanless Touch Panel Computers

PANEL 1000/5000 Industrial Panel Computers

Industrial

Industrial Flat Panel Monitors

### **Dimensions**

