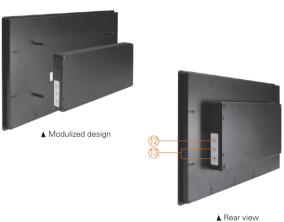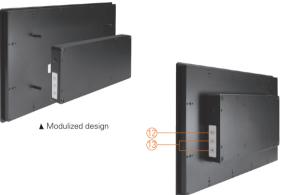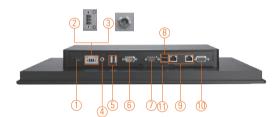# GOT3187W-111-PCT

18.5" WXGA TFT Fanless Multi-Touch Panel Computer
with AMD G Series Processor T56N (-10°C to +45°C)

Features

- 18.5" WXGA projected capacitive multi-touch wide screen
- Fanless and modulized design
- AMD G-series processor T56N 1.65 GHz
- 2.5" SATA HDD & CompactFlash™ type II
- WLAN module & antenna (optional)
- 2 Gigabit LAN, 4 USB 2.0 & 2 COM ports
- IP65 front bezel
- Supports panel mount and optional VESA arm/desktop stand/ wall mount
- -10°C to +45°C wide temperature range

▲ Modulized design

▲ Rear view

1. Power switch	8. USB 2.0 x 2
2. Terminal block for DC power input	9. Ethernet x 2
or 3. Screw conn. w/ AC power adapter	10. VGA
4. Audio (Line-out)	11 CF slot
5. USB 2.0 x 2	12. Backlight switch
6. COM 2 (RS-232)	13. Brightness adjustment
6. COM 1 (RS-232/422/485)	

Fanless	Low Power	Ext. Temp	DDR3	AiRD	IP65

Introduction

The GOT3187W-111-PCT adopts an 18.5-inch WXGA LCD and supports AMD G-series processor 56N 1.65 GHz. By supporting a wide range operating temperature from -10°C to +45°C, it can be used in harsh environment. The fanless HMI can work under 2.0G (10 ~ 500Hz, random for CompactFlash™) in operation mode with a patent of anti-vibration design. It also provides one PCIe mini card slot for 3G, wireless network connectivity. The 18.5" fanless touch panel computer is suitable for transportation, heavy-duty industry, smart factory automation, and oil pipe monitoring systems.

Wide Temperature Range Support (-10°C to +45°C)
The AMD G-series high performance GOT3187W-111-PCT applies unique extended temperature technology with wide temperature range support as we as fanless operation. It also has a compact design for harsh environment.

18.5-inch WXGA LCD with Projected Capacitive Multi-touch
The 18.5" WXGA touch panel PC supports 300 nits brightness and can display contents in HD resolution. With projected capacitive multi-touch screen, users can operate more directly and friendly. The hardness of touch glass surface is up to 7h and is better for anti-scratch purpose.

WALN Antenna Supported (optional)
The 18.5" IP65 fanless industrial panel computer, GOT3187W-111-PCT, provides one PCIe mini card slot and WLAN/3G antennas for wireless network connectivity.

Specifications

Front Bezel	IP65 front bezel	
LCD Panel	Display Type	18.5" WXGA TFT LCD
	Brightness (cd/m²)	350 nits
	Resolution	1366 x 768
Main System	CPU	AMD G-series processor T56N 2C @1.65 GHz
	Chipset	AMD A50M FCH
	System Memory	1 x 204-pin DDR3-1333/1600 SO-DIMM, up to 4GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD 1 x CompactFlash™
	Watchdog Timer	255 levels, 0–255 sec.
	Onboard Graphics	Integrated AMD GFX-Radeon HD6320

Specifications

I/O Connector	1 x RS-232 (COM 1) 1 x RS-232/422/485 (COM 2) 1 x Switch for power on/off (ATX) 1 x Audio (Line-out) 1 x VGA 4 x USB 2.0 2 x 10/100/1000 Mbps Ethernet (Intel® i219LM/i211AT)
Expansion Interface	1 x PCIe Mini Card slot
Touchscreen	Projected capacitive multi-touch
Power Supply	1. DC version: 10~30 VDC 2. AC version: 12 VDC 60W adapter
Power Consumption	63 W
Dimensions	460.8 mm (18.11") (W) x 58.5 mm (2.3") (D) x 285 mm (11.22") (H)
Packing Dimensions	600 mm (23.58") (W) x 19.5 mm (7.67") (D) x 500 mm (19.68") (H)
Weight (net/gross)	5.8 kg (12.8 lb)/7.8 kg (17.2 lb)
Environment	Operating temperature: -10°C ~ +45°C (+14°F ~ +113°F) Relative humidity: 20% ~ 90% @ 40°C; non-condensing Operation vibration: 2G, 10 ~ 500Hz, random for CompactFlash™
Certificate	CE

Ordering Information

GOT3187W-111-PCT-DC	18.5" WXGA TFT fanless touch panel computer with AMD T56N dual core processor, projected capacitive multi-touch screen and 10~30 VDC terminal block connector
GOT3187W-111-PCT-J	18.5" WXGA TFT fanless touch panel computer with AMD T56N dual core processor, projected capacitive multi-touch screen and AC-DC 12 VDC power adapter (screw type connector)

Optional EOS Installation

WES (single-touch function)

WES 7E (32-bit, single-touch function)

WES 7P (32-bit, multi-touch function)

Optional OS Installation

Windows® XP (single-touch function)

Windows® 7 (32-bit, multi-touch function)

▲ Ideal for factory automation & self-service kiosk in retail

Dimensions