

Top-of-the-Line Fanless Panel Computer with 3 years warranty and High-Performance CPU

XPT-T1000 Series

12.1-inch type
XPT-T1000LX



IP65
in front

15-inch type
XPT-T1000HX



Shock & vibration resistant system: Fanless design for stable operation in harsh environment

7th. Gen. Intel® Core™ i7-7600U (2.80GHz) processor adopted, SSD*

Excellent durability and operability

Adopting a 5-wire resistive film touch-screen holds high durability, operable with gloves on

BTO (Build-To-Order) for custom configurations

Display size, Storage, RAID, OS, AC adapter



Two SATA slots with support for software mirroring (RAID1), and various other interfaces for flexible expansion to peripherals

* When SSD is selected to order.

Operation terminal for equipment and machine



Instruction and management terminal for production site



XPT-T1000 Series



Ordering Information

Model	LCD / Touch Screen	CPU / Memory	Storage (BTO)	OS (BTO)
XPT-T1000LX	12.1-inch XGA / 5-wire resistive film	Core i7-7600U / 8GB	None 1 x 100GB HDD 2 x 100GB HDD Mirroring (Software-RAID) 1 x 256GB SSD (MLC) 2 x 256GB SSD (MLC) Mirroring (Software-RAID)	None Windows 10 IoT Enterprise 2019 LTSC 64-bit (English/Chinese/Japanese/Korean)
XPT-T1000HX	15-inch XGA / 5-wire resistive film			

Specifications

This product is ordered by BTO (Build-To-Order) method that storage and OS can be selected.
Please contact our distributors or sales offices for quotation.

Item	Description	
	XPT-T1000LX	XPT-T1000HX
CPU	Intel® Core™ i7-7600U (2.80GHz)	
BIOS	AMI BIOS	
Security (TPM)	TCG TPM2.0	
Memory	8GB (260-pin SO-DIMM), PC4-17000 (DDR4-2133)	
Graphics Controller	Intel® HD Graphics 620 (CPU integrated)	
LCD type	LCD	12.1-inch TFT color LCD, XGA (1024 x 768), 16,770,000 colors
	Backlight	15-inch TFT color LCD, XGA (1024 x 768), 16,770,000 colors
Touchscreen *1 *2	Resolution	4096x4096 (emulated in 1024 x 768 mode)
	Detection method	Five-wire resistive film analog method
	Connection	Internal serial port
System resolution	DVI-D	Max 1920 x 1200 (16,770,000 colors)
	Display Port	Max 3840 x 2160 (16,770,000 colors)
Display	DVI-D x 1 (25-pin DVI-D connector), Display Port x 1	
Storage (BTO) *3 *4	2.5-inches drive bay x 2 slots (Slot-in type), Serial ATA 3.0 compliant support None / 256GB SSD (MLC) / 256GB SSD (MLC) x 2 RAID / 100GB HDD / 100GB HDD x 2 RAID	
LAN	1000BASE-T/100BASE-TX/10BASE-T x 2 ports (RJ-45 connector), Intel® I210IT controllers, supports Wake On LAN	
USB	USB 3.0-compliant x 4 ports (Type-A connector), USB 2.0-compliant x 2 ports (Type-A connector)	
Serial	RS-232C x 3 ports (one of the ports is used for touch-screen), Baud rate: 50 - 115,200bps (9 pin D-SUB connector male)	
Hardware monitoring	Monitoring CPU temperature, board temperature, power voltage	
Watchdog timer (WDT)	Software programmable, 255 level (1sec - 255sec), Time up allows reset shutdown or external output.	
Real Time Clock	Lithium backup battery life: 10 years or longer, The real-time clock is accurate within ±3 minutes (at 25°C) per month (CPU built-in RTC).	
Power Management	Power management setup via BIOS, Power On by Ring / Wake On LAN, Supports ACPI Power management	
Power supply	Rated input voltage	12 to 24VDC *5
	Input voltage range	10.8 to 31.2VDC
	Current consumption	12V 4.9A, 24V 2.6A
	External device power supply capacity	12V 4.6A, 24V 2.3A
AC adaptor (BTO)	SATA slot: +5V 2A (1,000mA x 2 per slot), USB3.0 I/F: +5V 3.6A (900mA x 4 per port), USB2.0 I/F: +5V 1.0A (500mA x 2 per port)	
	None / Enclosed *6	
OS (BTO)	None / Windows 10 IoT Enterprise 2019 LTSC 64-bit (English/Chinese/Japanese/Korean)	
Waterproofing and dustproofing	Front part conforming to IP65 (Use the packing supplied.)	
Cutting dimensions of the screen (W x H)	303 x 243 mm (11.93 x 9.57 inch)	358 x 289 mm (14.09 x 11.38 inch)
Physical dimensions (W x D x H)	316 x 73 x 256 mm (12.44 x 2.87 x 10.08 inch)	373 x 73 x 304 mm (14.69 x 2.87 x 11.97 inch)
	(Not including the attachment fittings or protrusions)	(Not including the attachment fittings or protrusions)
Weight (Not including the attachment fittings)	4.2kg/9.26lb (approx.)	5.1kg/11.24lb (approx.)
Standard	CE Marking (EMC Directive Class A, RoHS Directive), FCC Class A, UKCA, VCCI Class A	

*1 Accuracy is within the error of 1.5% for the periphery of the touchable area, and the other areas are within 1%.

*2 When using Windows 10, the mouse cursor is not displayed if the mouse device is not connected. The virtual mouse driver is required to display the cursor. Please download it from the CONTEC website

*3 The capacity of storage device in the OS pre-installed type is a value when 1GB is calculated by 1 billion bytes. The capacity that can be recognized from OS might be displayed less than the actual value.

*4 If RAID configuration is selected, same storage device is installed into SATA 2nd slot.

*5 Please make sure to use AC power cable that is less than 3m length.

*6 Enclosed AC adaptor is PWA-90AWD1 (Input: 100 to 240VAC, Output: 12VDC 7.5A).

* There are combinations that cannot be configured. Please inquire in detail.



Contec Global Network

U.S.A.

CONTEC AMERICAS INC.
3991 Sarno Road, Melbourne, FL 32934 U.S.A.
Tel. : +1-321-728-0172
e-mail : sales@us.contec.com

TAIWAN

TAIWAN CONTEC CO., LTD.
9FL, No. 738, Zhongzheng Road,
Zhonghe District, Xinbei 23511 TAIWAN
Tel. : +886-2-8227-8669

CHINA

CONTEC (SHANGHAI) CO., LTD
Room 1002, Qilai Building, No. 889,
Yishan Road, Xuhui District, Shanghai
200233 CHINA
Tel. : +86-21-5401-2288

SINGAPORE

SINGAPORE CONTEC PTE. LTD.
Blk 4010, Ang Mo Kio Ave. 10 #07-01
Techplace I, 569626 SINGAPORE
Tel. : +65-6459-1667

KOREA

CONTEC CO., LTD. KOREA BRANCH
19, Cheongmyeong-ro 21beon-gil,
Yeongtong-gu, Suwon-si, Gyeonggi-do,
16705 KOREA

INDIA

CONTEC CO., LTD. India Liaison Office
Unit No. DPT-134, First Floor,
DLF Prime Towers, Okhla Phase- 1,
New Delhi -110020, INDIA
Tel. : +91-11-40541327

<https://www.contec.com/>

Headquarters: CONTEC CO., LTD. (Japan)

3-9-31, Himesato, Nishiyodogawa-ku, Osaka 555-0025, Japan
Tel:+81-6-6477-5219 e-mail:intsales@jp.contec.com