

Fanless PC with Core i7/4K Support

High-performance 7th Gen. processor (Kaby Lake) and high-capacity SSD

Box Computer

BX-T1000 Series



Dual drive bays
Easy storage replacement



4K support

Super-high-definition ready

3840 × 2160 (16.77 million colors)
built-in DisplayPort

Core i7

Fanless high performance

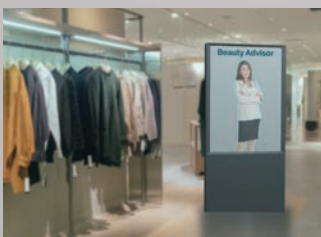
Dual-core, 4-thread Intel®
Core™ i7-7600U (2.80 GHz)

256 GB SSD

High-capacity SSD slot-in drive

Available with a 256 GB SSD
and two slot-in drives

**Ideal for high-definition video and advanced computing applications
including digital signage, image-processing, and IoT edge servers**



Box Computer BX-T1000 Series



Ordering Model

Model	CPU / Memory	Storage [Selection]	OS [Selection]
BX-T1000-xxxxxxx	Core i7-7600U (2.80GHz) / 8GB	2.5" HDD 100GB / 2.5" SSD(MLC) 256GB / None	Windows 10 IoT Enterprise LTSC 2016 64-bit (English/ Chinese/Japanese/Korean) / Windows 10 IoT Enterprise 2019 LTSC 64-bit (English/Chinese/Japanese/Korean) / None
BX-T1010-xxxxxxx	Core i5-7300U (2.60GHz) / 8GB		Windows 10 IoT Enterprise 2019 LTSC 64-bit (English/ Chinese/Japanese/Korean) / None
BX-T1020-xxxxxxx	Celeron 3965U (2.20GHz) / 8GB		

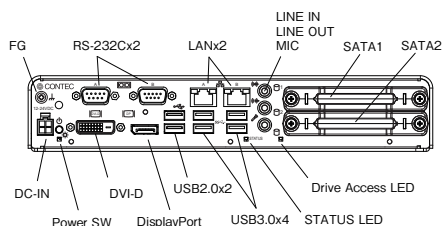
* -xxxxxxx varies depending on the content of the selection.

Specifications

Model number		BX-T1000-xxxxxxxxxx	BX-T1010-xxxxxxxxxx	BX-T1020-xxxxxxxxxx
CPU		Intel® Core™ i7-7600U (2.80GHz)	Intel® Core™ i5-7300U (2.60GHz)	Intel® Celeron® 3965U (2.20GHz)
BIOS		AMI BIOS		
Security (TPM)		TCG TPM2.0		
Memory		8GB (204pin SO-DIMM), PC4-17000 (DDR4-2133)		
Graphic controller		Intel® HD Graphics 620 (built-in CPU)		Intel® HD Graphics 610 (built-in CPU)
System resolution	DVI-D	800×600 to 1920×1200 (16,770,000 colors)		
	DisplayPort	800×600 to 3840×2160 (16,770,000 colors)		
Display		DVI-D×1(25pin DVI-D connector), DisplayPort×1		
SATA		Slot-in 2.5 inches SATA disk drives x 2, Serial ATA 3.0 compliant support		
LAN		Intel I210IT Controller 1000BASE-T/100BASE-TX/10BASE-T RJ-45 connectors×2 (Wake On LAN support)		
USB		USB 3.0 compliant×4 (TYPE-A connector), USB 2.0 compliant×2 (TYPE-A connector)		
Audio		HD Audio, 1x Line out; 1x Line in; 1x Mic-in		
Serial		RS-232C×2 (9pin D-SUB connector [male]), Baud rate : 50 to 115,200bps		
Hardware monitoring		Monitoring CPU temperature, power voltage		
Watchdog timer		Software programmable, 255 level (1sec to 255sec) Time up allows reset or shutdown		
RTC		Lithium backup battery life: 10 years or more. The real-time clock is accurate within ±3 minutes (at 25°C/77°F) per month		
Power Management		Power management setup via BIOS, Power On by Ring / Wake On LAN, Supports ACPI Power management		
Rated input voltage		12 to 24VDC ¹⁾ (Range of input voltage 10.8 to 31.2VDC)		
Power consumption		12V 5.2A, 24V 2.7A	12V 4.2A, 24V 2.2A	12V 4.1A, 24V 2.1A
Physical dimensions (W x D x H)		262 x 180 x 49 mm (10.32 x 7.09 x 1.93 inch) (No protrusions)		
Weight		approx. 2.0kg/4.41lb (Excluding attachment fittings)		
Operating temperature		0 to 45°C (32 to 104°F) (when using 1000BASE-T: 0 to 40°C (32 to 104°F)) without airflow; 0 to 55°C (32 to 131°F) (when using 1000BASE-T: 0 to 50°C (32 to 122°F)) with 0.7m/s airflow		
Standard		CE Marking (EMC Directive Class A, RoHS Directive), FCC Class A, UKCA, VCCI Class A		

*1: Use a power cable shorter than 3m.

Component Name



Options

Switching AC Adapter
(Input: 100 to 240VAC,
Output: +12VDC / 7.5A (Max.))
PWA-90AWD1



Panel Computer model XPT-T1000 series available

- Shock & vibration resistant system:
Fanless design for stable operation in harsh environment
- Excellent durability and operability
- BTO (Build-To-Order) for custom configurations

12.1" type
XPT-T1000LX



IP65
Compliant
(in front)

15" type
XPT-T1000HX



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