

Our Smallest PC Ever

Windows 10 IoT Enterprise 2019 LTSC • Fanless Embedded Computer

Box Computer **BX-U200**



DIN rail mounting example
(optional accessory required)

Trellix

USB Type-C



Display•HDMI conversion
•USB hub•AC adapter
Docking station etc.

Supports various peripheral equipment

Extremely Small



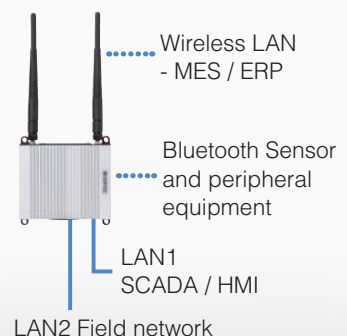
◀ Easily mounts to the back of display with a 100 mm VESA mount

Takes up minimal space ▶



Our smallest design for minimal space

2xLAN + Wireless*



Ideal for IoT Gateway terminal

*2x LAN is standard.
You can use Wireless LAN / Bluetooth when wireless model is selected



Ordering model

Model	Wireless LAN / Bluetooth	CPU / Memory	Storage	OS / McAfee White Listing
BX-U200-W19M01L07	Not available	Atom x5-E3940 1.6GHz Quad-core / 4GB ECC RAM	M.2 128GB SSD TLC	Windows 10 IoT Enterprise 2019 LTSC 64-bit (English/Chinese/Japanese/Korean)
BX-U200-W19M01L07B				Windows 10 IoT Enterprise 2019 LTSC 64-bit (English/Chinese/Japanese/Korean) / Trellix Application Control
BX-U200-W19M01M05			M.2 64GB SSD MLC	Windows 10 IoT Enterprise 2019 LTSC 64-bit (English/Chinese/Japanese/Korean)
BX-U200-W19M01M05B				Windows 10 IoT Enterprise 2019 LTSC 64-bit (English/Chinese/Japanese/Korean) / Trellix Application Control
BX-U200-W19M01M03			M.2 32GB SSD MLC	Windows 10 IoT Enterprise 2019 LTSC 64-bit (English/Chinese/Japanese/Korean)
BX-U200-W19M01M03B				Windows 10 IoT Enterprise 2019 LTSC 64-bit (English/Chinese/Japanese/Korean) / Trellix Application Control
BX-U200R-W19M01L07	Available	Atom x5-E3940 1.6GHz Quad-core / 4GB ECC RAM	M.2 128GB SSD TLC	Windows 10 IoT Enterprise 2019 LTSC 64-bit (English/Chinese/Japanese/Korean)
BX-U200R-W19M01L07B				Windows 10 IoT Enterprise 2019 LTSC 64-bit (English/Chinese/Japanese/Korean) / Trellix Application Control
BX-U200R-W19M01M05			M.2 64GB SSD MLC	Windows 10 IoT Enterprise 2019 LTSC 64-bit (English/Chinese/Japanese/Korean)
BX-U200R-W19M01M05B				Windows 10 IoT Enterprise 2019 LTSC 64-bit (English/Chinese/Japanese/Korean) / Trellix Application Control
BX-U200R-W19M01M03			M.2 32GB SSD MLC	Windows 10 IoT Enterprise 2019 LTSC 64-bit (English/Chinese/Japanese/Korean)
BX-U200R-W19M01M03B				Windows 10 IoT Enterprise 2019 LTSC 64-bit (English/Chinese/Japanese/Korean) / Trellix Application Control

* Models with no OS installed are also available. Visit the Contec website for more information.

Specifications

Model	BX-U200
CPU	Intel® Atom® Processor x5-E3940 (1.6GHz) 4 core / 4 thread
BIOS	AMI BIOS
Security (TPM)	TCG TPM2.0
Memory	4GB PC3L-10600 (DDR3L-1333)
Graphics Controller	Intel® HD Graphics 500
System Resolution	DisplayPort : 3840 × 2160 @ 60Hz Maximum
Display	DisplayPort × 1, USB Type-C DP Alt Mode × 1
Storage	128GB SSD(TLC), 64GB SSD (MLC) or 32GB SSD (MLC)
LAN	1000BASE-T / 100BASE-TX / 10BASE-T RJ-45 connector × 2 (support Wake On LAN)
Wireless LAN *1 *2	IEEE 802.11ac / n / a / b / g , Bluetooth 4.2
USB	USB3.2 Gen1×2 port (Type-A), USB3.2 Gen1 (Type-C) × 1 port
External Input / Output	1port (4pin connector) 3-bit individual settings for input, output, the power switch, and reset switch configurable in BIOS settings
Power Supply	Rated Voltage Range
	12 ~ 24 VDC, USB Power Delivery (15V/3A)
	Input Voltage Range
	6 ~ 37VDC
Current Consumption (Max.)	12V 3.7A, 24V 1.9A
	External Device Power Supply Capacity
	USB3.2 Gen1 (USB3.0), Type-A I/F : +5V 1.8A (900mA×2) USB3.2 Gen1 (USB3.0), Type-C I/F : +5V 1.5A
OS	Windows 10 IoT Enterprise 2019 LTSC 64-bit (Japanese / English / Chinese / Korean)
Physical dimensions (W x D x H)	110 × 90 × 29 mm (4.33 × 3.54 × 1.14 inch) (Does not include protrusions)
Operating Temperature	-30 to 70°C (-22 to 158°F) with optional FAN module; -30 to 60°C (-22 to 140°F) with 0.7m/s airflow; -30 to 50°C (-22 to 122°F) without airflow; * Derating may occur (Refer to Reference Manual)
Standard	CE Marking (EMC Directive Class A) *2, FCC Class A, TELEC (set with the certified wireless module) *3, UKCA *2, VCCI Class A

*1 Wireless LAN and Bluetooth are only available on wireless models. *2 The wireless model is excluded from CE Standard UKCA. *3 The wireless module is set only in the wireless model.

Options

Model	Description
PWA-65AWD9	AC Adapter
IPC-RPSMA-2	Extension cable for wireless antenna
BX-DIN-05	DIN Adapter
BX-DIN-V05	DIN Adapter (Vertical)
BX-FAN-05	External fan for air cooling

AC Adapter
PWA-65AWD9



External fan for air cooling
BX-FAN-05



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