UBX-330M

Intelligent Edge Computer with Intel Core Ultra 7, Core Ultra 5 Processor



Features

- Powered by Intel Core Ultra 7 / Ultra 5 processors
- Equipped with three AI engines for low-latency, fast response
- Offers flexible and versatile I/O expansion
- Compact NUC-sized cubic form factor
- Includes Intel Arc graphics and vPro Enterprise on select SKUs
- Supports advanced backup and disaster recovery technology*
- Supports AI modules through M.2 expansion, delivering efficient edge AI inference
- Efficient thermal dissipation solution with a quiet acoustic design
- Offers a versatile mounting kit compatible with VESA, wall mount, pole mount, DIN rail, and ARM mount options
- Includes a dedicated power adapter bracket for improved cable management

Introduction

The UBX-330M is a NUC-sized Edge Intelligent Computer, powered by Intel Core Ultra 7/5 processors and three AI engines for low-latency, real-time processing. With flexible I/O expansion, Intel Arc graphics, and vPro Enterprise security (select SKUs), it ensures seamless connectivity and enterprise-grade protection. Built for reliability, advanced backup and recovery features enable real-time data replication, secure snapshots, and failover support, minimizing downtime in critical applications. Compact yet powerful, UBX-330M delivers top-tier performance, adaptability, and data resilience for intelligent city services and AI-driven workloads.

Specifications

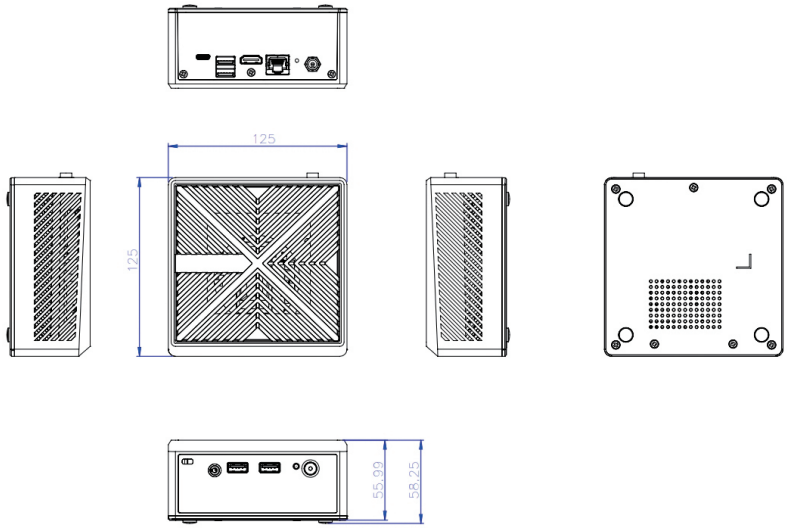
Model No.		UBX-330M
Processor		Core Ultra 5 125H Core Ultra 5 135U Core Ultra 7 155U
Graphic Engine		125H: Intel Arc graphics 135U/155U: Intel graphics
TPM		TPM 2.0 chip
Memory		DDR5-SODIMM *1, up to 48G
Storage		M.2 2280 B+M Key *1, supports NVMe, SATA SSD and Apacer CoreSnapshot Quick Backup SSD*
Front I/O	USB	USB Type A 2.0 *2
	Audio	Mic-in/Line-out Combo Audio *1
	Button	Power Pushbutton *1
	LED	Storage Indicator *1
	Kensington Lock	Kensington Lock *1
Rear I/O	USB	USB 3.2 *2
	Video	USB-C *1, supports DisplayPort protocols and 10W power delivery HDMI 2.1 *1
	LAN	LAN *1, up to 2.5 Gbps
	Button	System Recovery Button *1 (Equipped with Apacer CoreSnapShot Quick Backup SSD)
	Power	DC 12V Power Jack w/ Lock *1
WiFi		M.2 2230 E Key *1
Expansion		▪ UBX-300E-CM00: – COM *2, supports RS232 only – LAN *1, supports up to 2.5 Gbps ▪ UBX-300E-SA00: – 2.5" SATA Storage *1 ▪ UBX-300E-TE00: – M.2 3052 B Key *1 – SIM Slots *1 – Antenna *4
Intel vPro		125H/155U: Intel vPro Essential 135U: Intel vPro Enterprise
Operating System		Windows 10 LTSC 21H2 Windows 11 LTSC 24H2 Ubuntu 24.04
Environment	Operating Temperature	0 ~ 40 °C
	Storage Temperature	-20 ~ 60 °C
Physical	Dimensions (W x D x H)	125 x 125 x 58.25 mm
	Weight	NW: 0.8 Kg
Software	SUSI, DeviceOn	
Certificate	CE, FCC Class B, CCC, BSMI, UL, CB, EN 62368, ErP, RF RED	

Note: Apacer CoreSnapshot Quick Backup function requires a designated SSD. Please refer to the optional accessories list for more details.

All product specifications are subject to change without notice.

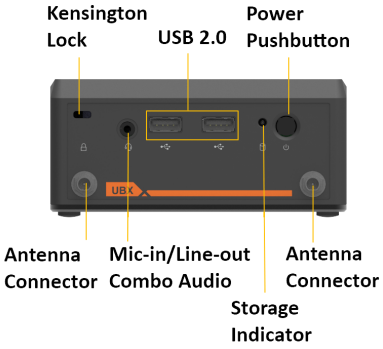
Dimensions

Unit: mm

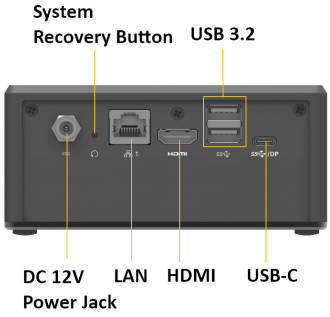


I/O Interface

Front View



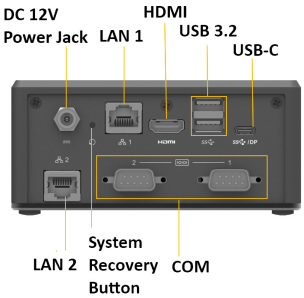
Rear View



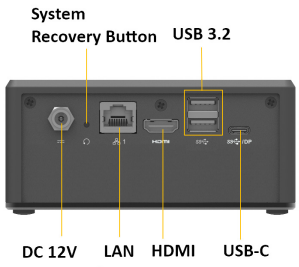
Note: Antenna connectors are available for the UBX-330M with UBX-330M-TE00 expansion SKU.

Optional I/O Expansion Kit

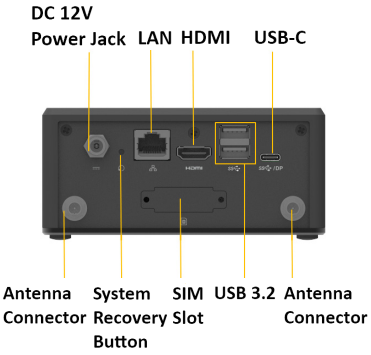
UBX-300E-CM00



UBX-300E-SA00



UBX-300E-TE00



Ordering information

Part Number	Description
UBX-330M-BI5H1	UBX-330M, Core Ultra 5 125H, WiFi antenna, Barebone
UBX-330M-BI5U1	UBX-330M, Core Ultra 5 135U, WiFi antenna, Barebone
UBX-330M-BI7U1	UBX-330M, Core Ultra 7 155U, WiFi antenna, Barebone
UBX-330M-UI5H1	UBX-330M, Core Ultra 5 125H, WiFi antenna, Barebone, TW
UBX-330M-UI5U1	UBX-330M, Core Ultra 5 135U, WiFi antenna, Barebone, TW
UBX-330M-UI7U1	UBX-330M, Core Ultra 7 155U, WiFi antenna, Barebone, TW

UBX-330M barebone Package Content

PN	Description
-	1x UBX-330M Edge Intelligent Computer
96PSA-A84W12W7-4	1x 84W power adapter
1990041769N000	1x thermal pad for memory
1990041770N000	1x thermal pad for M.2 2280 SSD

Optional Accessories

Product	P/N	Usage	Description
Expansion I/O	UBX-300E-CM00	1	UBX-330M, COM x2 and RJ45 2.5G x1 expansion kit (Includes the corresponding metal panel.)
	UBX-300E-SA00	1	UBX-330M, 2.5" storage expansion kit
	UBX-300E-TE00	1	UBX-330M, SIM socket, M.2 3042/3052 expansion kit (Includes the corresponding metal panel.)
Peripheral	UBX-300P-W00E	1	UBX-330M, WiFi6/BT (EWM-W179) installation kit (0°C to +70°C)
	UBX-300P-W01E	1	UBX-330M, WiFi6/BT (EWM-W165) installation kit (-40°C to +85°C)
	UBX-300P-NR00	1	UBX-330M, 5G module (AIW-357) installation kit, Global band (includes UBX-300E-TE00)
	UBX-300P-AI00	1	UBX-330M, Hailo-8 AI module (EAI-1200) installation kit (includes UBX-300E-TE00)
	UBX-300P-AD00	1	UBX-330M, Universal mounting kit (Supports VESA, wall, and pole mounting, and includes a power adapter bracket.).
Power Cord	1702002600	1	Power Cord UL 3P 10A 125V 183cm
	1700018705	1	Power Cord EU 3P 10A 250V 183cm 180°
	1700000596-11	1	Power Cord CCC 3P 10A 250V 183cm
	1700001714	1	Power Cord BSMI 3P 7A 125V 183cm
	1700032693-11	1	Power Cord BSI 3P 10A 250V 180cm (UK)
	1700000237	1	Power Cord PSE 3P 12A 125V 183cm
Operating System	20708WX1VS0042	1	Img WIN10 LTSC 2021-VLE UBX-330M V1.01 7MUI x64 (For Core i5)
	20708WX1HS0029	1	Img WIN10 LTSC 2021-HLE UBX-330M V1.01 7MUI x64 (For Core i7)
	20708WLV1S0017	1	WIN11 LTSC_24H2_VLE UBX-330M(I3I5) V1.02 7MUI (For Corie i5)
	20708WLH1S0011	1	WIN11 LTSC_24H2_HLE UBX-330M(I7) V1.02 7MUI (For Core i7)
	20708U24DS0001	1	UBX-330M Ubuntu 24.04 V1.0.1

DeviceOn / iService

Unified Remote Device Management Software



Features

- Supports Advantech devices equipped with Windows, Android, and Linux OS
- Flexible device, location, user, and permissions management
- Enables remote monitoring and control of hardware, software, and peripherals
- Supports over-the-air (OTA) firmware and software updates
- Ensures quick, easy, and secure device onboarding
- RESTful APIs for third-party system integration

Introduction

Advantech's DeviceOn/iService is a next-generation unified device management solution based on the WISE-DeviceOn platform. Designed to enable centralized monitoring and remote management, DeviceOn/iService supports Advantech devices equipped with Windows, Linux, or Android operating systems. The software also supports the management of applications and integrated peripherals, such as a barcode scanner, card reader, camera, and printer. Users can remotely access and control connected devices, take screenshots, rollout OTA upgrades, and use remote desktop capabilities for troubleshooting from any location at any time. Moreover, DeviceOn/iService supports batch operations to facilitate the management of multiple devices simultaneously for easy and convenient device configuration and deployment.

Total Management

Devices & Hardware
- Windows, Linux, Android
- Hardware, storage, battery

Software & Peripherals
- Software monitoring & access
- Screens, USB devices, printers

Open for Expansion
- Peripheral integration
- Open APIs for integration

Remote Access

Real-Time Monitoring
- Connection/hardware status
- Software/peripheral status
- Failure notifications

Remote Controls
- Power controls
- Audio, backlight controls
- Software controls

Troubleshooting
- Screenshots
- Remote desktop support

Operational Efficiency

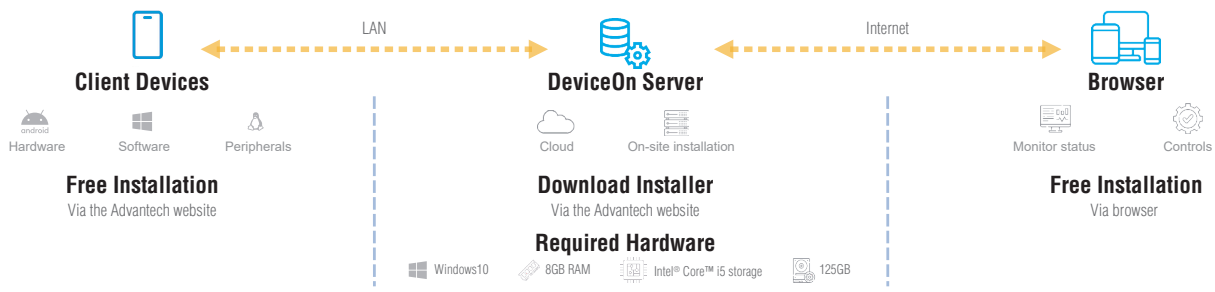
OTA updates
- System/software updates
- File repository management
- App store

Batch Controls
- 1-to-many batch reboot, etc.
- Time-saving tasks

Setup Booster
- Software/peripheral watchlist
- Roles, rule templates

Note: Some functions may vary according to the product

System Architecture



Online Download www.advantech.com/products

Tento produkt můžete zakoupit u společnosti AutoCont IPC a.s.

AutoCont IPC a.s.

Váš dodavatel průmyslových počítačů, komponent a speciálních průmyslových IT systémů.

Uhlířská 1064/3, 710 00 Ostrava, Česká republika

obchod@autocont-ipc.cz +420 733 688 944 www.autocont-ipc.cz

PRŮMYSLOVÉ POČÍTAČE *fanless embedded PC, do racku, ...*

POČÍTAČE S DISPLEJEM *panelové PC, terminály, do vozidel, ...*

AUTOMATIZACE A SBĚR DAT *převodníky, karty, moduly, switche, ...*

PERIFERIE A KOMPONENTY *monitory, klávesnice, desky, skříně, ...*

NOTEBOOKY A TABLETY *odolné, windows, android, IP65, ...*

INFORMAČNÍ KIOSKY *interiérové, venkovní, ...*

MEDICÍNSKÁ TECHNIKA *počítače, tablety, LCD, klávesnice, ...*

SOFTWAROVÁ ŘEŠENÍ *pro výrobu, zaměstnance, kiosky, ...*

PŘEJÍT DO E-SHOPU *eshop.autocont-ipc.cz*

DOPRAVA ZDARMA
Doprava zdarma v ČR a SR při objednávce nad 10 000 Kč bez DPH nebo nad 400 EUR.

PRODLOUŽENÁ ZÁRUKA
Záruka 2 roky na vyráběné počítače s možností jejího prodloužení až na 5 let.

ODMĚNA ZA VĚRNOST
Pravidelní zákazníci u nás nakupují za nižší ceny. Výše slevy se odvíjí od realizovaného obratu.

SERVIS ON-SITE A IN-TIME
K projektovým dodávkám nabízíme rozšířenou podporu a servis s garancí výměny zařízení do 48 hodin.