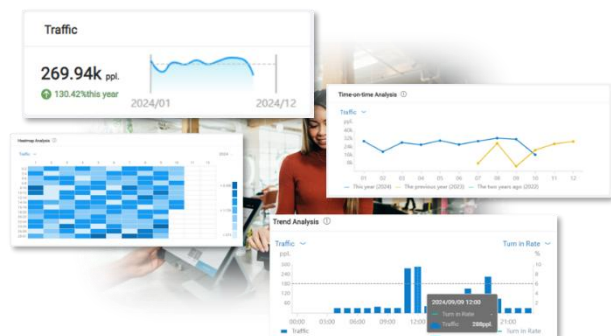


iService/ CountingBI

Comprehensive Retail Analytics Platform



Features

- Advanced Store Traffic Insights
 - Analytics by Location & Time period
- Smart Queue Management
 - Real-time Monitoring by Location & Time
 - Automated Long-Wait Alerts
- Seamless POS Integration
 - Performance Metrics
 - Turn-in Rate Analysis
- Cross-regional & cross time analysis
- Flexible API for Third-Party Integration
- Power BI integration for Enhanced Visualization

Introduction

In today's fast-paced retail environment, understanding customer behavior is key to success. Our AI-powered analytics platform provides deep insights into store traffic, transactions, and queue management, helping businesses optimize operations and enhance customer experiences.

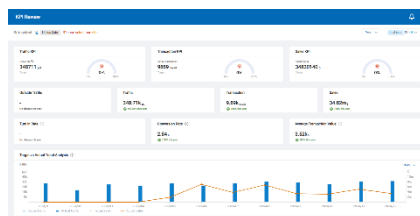
With multi-solution integration, real-time queue monitoring, POS performance tracking, and cross-regional analysis, retailers can make data-driven decisions with confidence. Plus, seamless Power BI integration and third-party API support ensure smooth connectivity with existing systems.

Unlock the power of data-driven retail management—maximize efficiency, improve service, and drive revenue growth like never before!

Key Functions

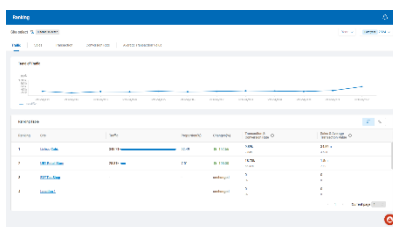
KPI Overview

It's easy to understand the overall store performance with the KPI view, which includes metrics such as the number of visitors, turn-in rate, conversion rate, average transaction value, and more.



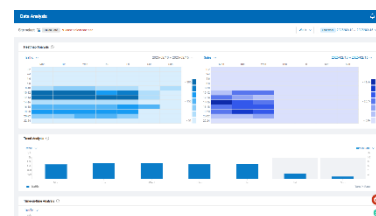
Cross-regional Analysis

Easily analyze across different stores and time periods. Users can choose the analysis index, such as traffic, sales numbers, transactions, conversion rate, and more.



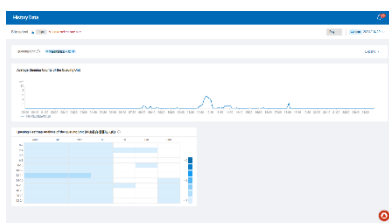
Weekly Traffic Analysis

Camera sensors are placed at each entrance to the building and collect data on the number of storefront and in-store traffic at any time and chart display of weekly report.



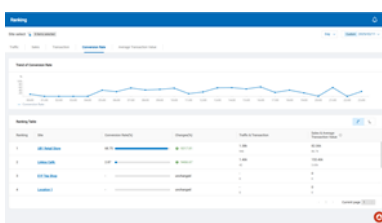
Smart Queue Management

Provides real-time monitoring, location-based insights, and automated long-wait alerts, helping businesses optimize service, reduce congestion, and enhance customer experience



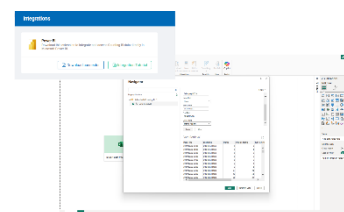
Accessible Store Data Integration

Users can input store data including POS transaction data, store opening schedule and store rent cost for further store performance analysis.



Power BI Integration

Integrate with Power BI to cross-analyze traffic data with external systems like CRM, sales, and marketing platforms. Gain a holistic view of customer behavior, measure store performance in context.



Specifications

Management Center	Store Management	- Add / delete / modify store information - Provide system and user-defined tags to classify store properties - Quickly search through keyword and tags to find the store you want to focus on - Support importing POS transaction data manually - Store operation information input: store opening time, staff scheduling, store rent cost
		- Add / delete / modify user information - Three-level authorities: account administrator, manager and user
	Device Management	- Health check: Real-time monitoring the status of the devices - Alert notification: system auto notify administrator when device status is abnormal by e-mail
	Access key Management	- Add / delete / modify access key information - Allow API access with custom period
BI Dashboard	Statistic Widget	- Data Type: in-store and storefront traffic, sales volume, transactions, conversion rate, sales per shopper, entering rate - Chart type: KPI indicator, line chart, bar chart, matrix, ranking table, weather info
	Data Investigation	- Cross region/store, time period, multi-data comparison - Daily/weekly/Monthly/Yearly/User defined report
	User-Defined Dashboard	- User defined regions or time periods - Flexible adjust widget size and its placement
	Cross Platform Support	- Support Google Chrome and Microsoft Edge web browsers - Support all devices with resolution higher than 1024x768 and automatically adjust the report layout by device resolution
	Data Security & Third-Party Software Integration	- The data transfer format is binary-coded and uses AES 256-bit encryption with high security - Provide complete Restful API for third-party software integration
Enterprise System Architecture	Cloud Deployment Stability	Private cloud: Microsoft server 2012 and above
		Support system redundant and database auto backup

Ordering Information

Bring Your Own Device

Part Number	Description
Advantech Marketplace On-prem Annual Subscription	
32CSIVACBPR001	CountingBI for 32 VisionSense Edges

System requirement

- OS: Windows Server 2022 and above
- CPU: Intel Core i5 12th or above
- RAM: 32GB or above
- SSD: 1TB x 2 (RAID1) or above (depend on storage period setting)
- IP Address: Static IP Address is required
- * Please avoid setting up a different software system to prevent conflicts. Ensure that your device is dedicated solely to CountingBI.

Solution Ready Package

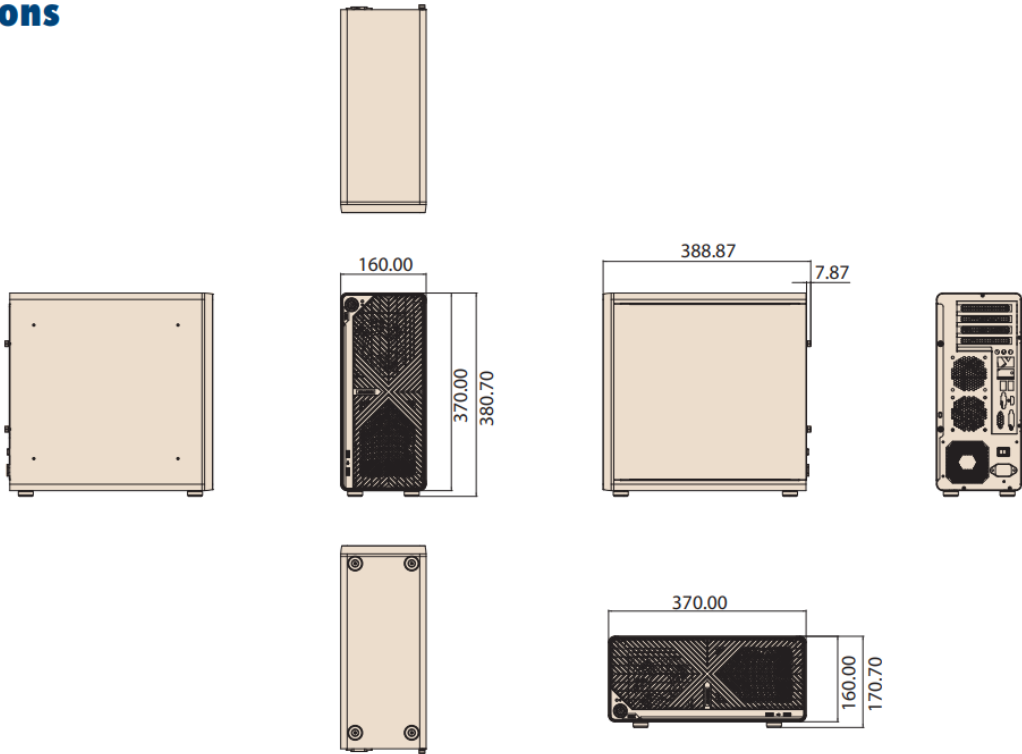
Part Number	Description
UBX-510LPSS-G1E-C	Intel i5, 32G/2TB, CountingBI Private Server

CountingBI Hardware Specifications for Solution Ready Package

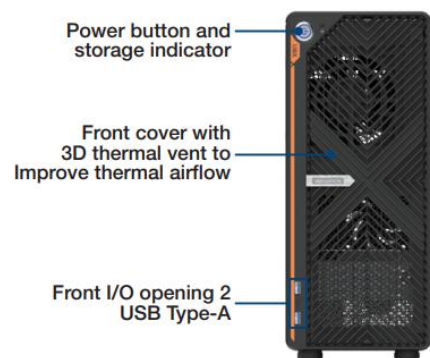
Model	UBX-510SL	
Processor	Chipset	14th/13th/12th Intel® Gen. Core™ i7/i5/i3 series processors (LGA1700 Socket)
	Chipset	Intel W680
Graphics	Intel® HD Graphics	
Security	TPM	TPM 2.0
Memory	Type	DDR5 ECC*/non-ECC 4400**/4000/3600 MT/s UDIMM (288-pin)
	Max. Capacity	Maximum 128 GB
Thermal Solution	Fan	
Resolution	USB-C: support up to 8K UHD (7680 x 4320 @ 60Hz); HDMI 1 and 2: support up to 4K UHD (4096 x 2160@60Hz)	
I/O - Rear	Video	1 x HDMI 1 x VGA 1 x DVI-D
	Audio	Mic-in, Line-out
	USB	4 x USB 3.2 Gen2 Type-A
	LAN	4 x RJ-45 GbE
	USB	2 x USB 3.2 Gen1 Power button / LED indicator
I/O - Front		
PCIe Expansion	1 x PCIe Gen5 x16 slot	
	2 x PCIe Gen4 x4 slot	
Weight	Net weight : 6 / Gross weight : 7	
Humidity	95% @ 40°C, non-condensing	
Intel vPro	Intel vPro	Supported (Core i5, i7 only)
Operating System	Windows Server 2022, Windows 10/11	
Temperature	Operating: 0~ 40 °C	
Target Dimensions (W x D x H)	160 x 370 x 380 mm	
Certifications	CE, FCC, UL, CCC, CB	

Dimensions

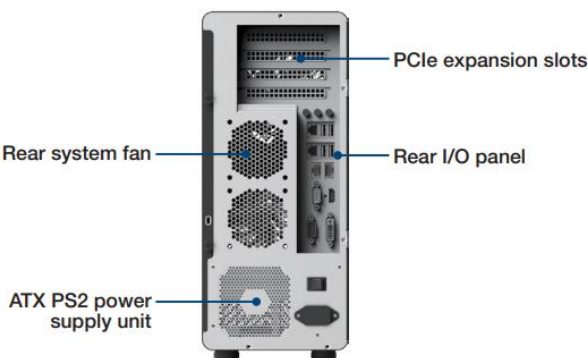
Unit: mm



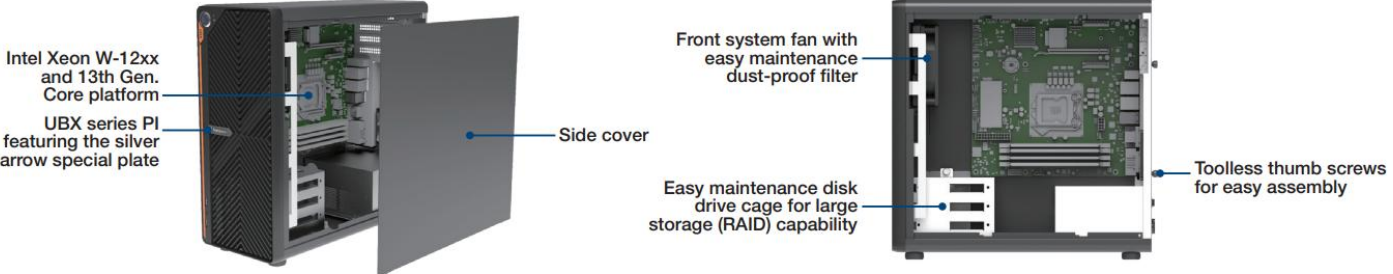
Front View



Rear View



Side View



UBX-510SZ/SL Rear I/O

