AI-Ready Performance

LIVA Z7 PLUS is powered by Intel® Core™ Ultra Processor integrated with Intel® Arc™ GPU and Intel® AI Boost compute engines to accelerate AI inference at the edge, enhance immersive graphics and media process and deliver better power efficiency than the previous generation.
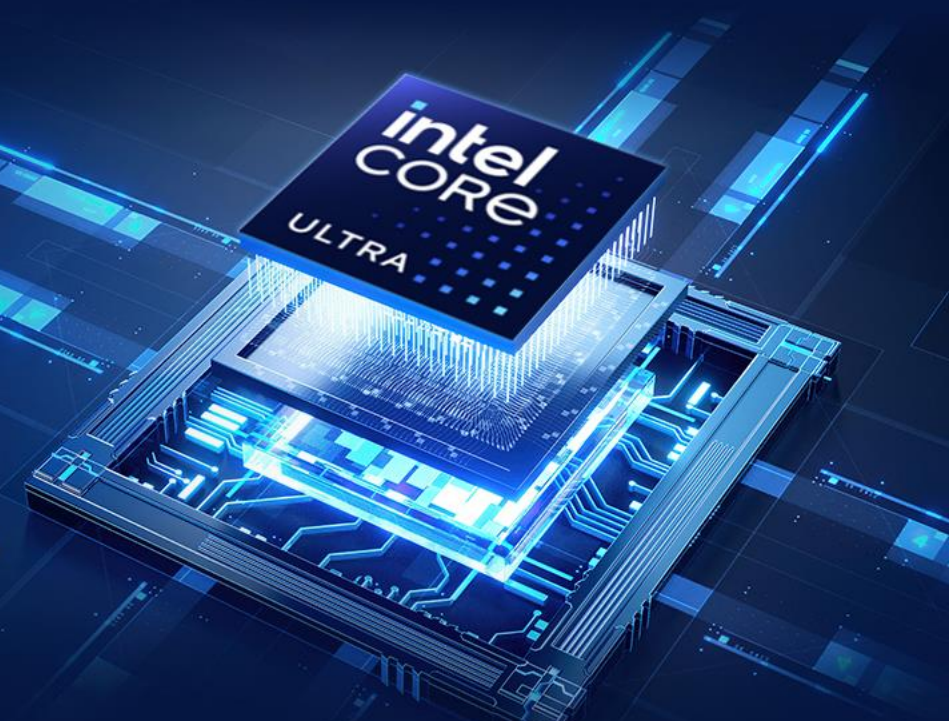
intel ARC GRAPHICS | intel CORE ULTRA 5 | intel CORE ULTRA 7

Intel® Core™ Ultra processors

AI ARTIFICIAL INTELLIGENCE
Up to
1.5x
the AI performance vs. previous generation*

⚡ POWER EFFICIENCY
Up to
2.56x
the AI performance/watt vs. previous generation*

🖥 GRAPHICS
Up to
1.81x
the graphics performance vs. previous generation*

intel CORE ULTRA

*Performance benchmark results refers from the official announcement of Intel.

Superior Performance & High Capacity

LIVA Z7 PLUS supports dual channel DDR5 5600MHz SO-DIMM memory up to 96GB to improve power management and optimized performance for computing system. With multi-storage design, LIVA Z7 PLUS features one M.2 2280 PCIe and one M.2 2242 PCIe interface for SSD to easily create large storage capacities satisfying a wide range of applications.

Dual Channel DDR5 5600MHz
Max. 96GB

Dual Slot NVMe SSD
1 x M.2 2280 PCIe Gen4x4
1 x M.2 2242 PCIe Gen4x4

DDR5 5600MHz

1 x M.2 2280

Super-fast Network Connectivity

Providing the excellent efficiency of networking, LIVA Z7 PLUS equips dual Ethernet ports including one 2.5GbE port and one 1GbE port for stable Internet connection and dual-band 802.11ax WLAN for seamless and reliable wireless environment.

Dual LAN
2.5GbE + 1GbE

802.11ax WLAN

Incredible Visual Experience with Quad 4K Display

LIVA Z7 PLUS supports up to four independent displays with 4K UHD resolution simultaneously through two HDMI and two USB 4.0 Type-C to DisplayPort to extend your workspace across multiple monitors for high-efficient productivity.

Dual HDMI

Dual USB 4.0
Type-C Alt DP

Extraordinary Experience of Entertainment

Built-in USB 4.0 Type-C, LIVA Z7 PLUS supports up to 8K Ultra HD resolution for high-quality video streaming. LIVA Z7 PLUS can be powered on and off the system through HDMI CEC function via the monitor remote controller.

8K ULTRA HD — Up to 8K

HDMI CEC Power On/Off

Deploy AI Everywhere

Design with ultra-compact size and stunning performance of Intel® Core™ Ultra processor, LIVA Z7 PLUS is able to deploy the AI-focused multitasks and workloads in wide-range applications including digital safety in smart cities, robot ram and AMR in AI factory automation, immersive interactivity in smart retail, and AI workflow enhancement in business productivity.

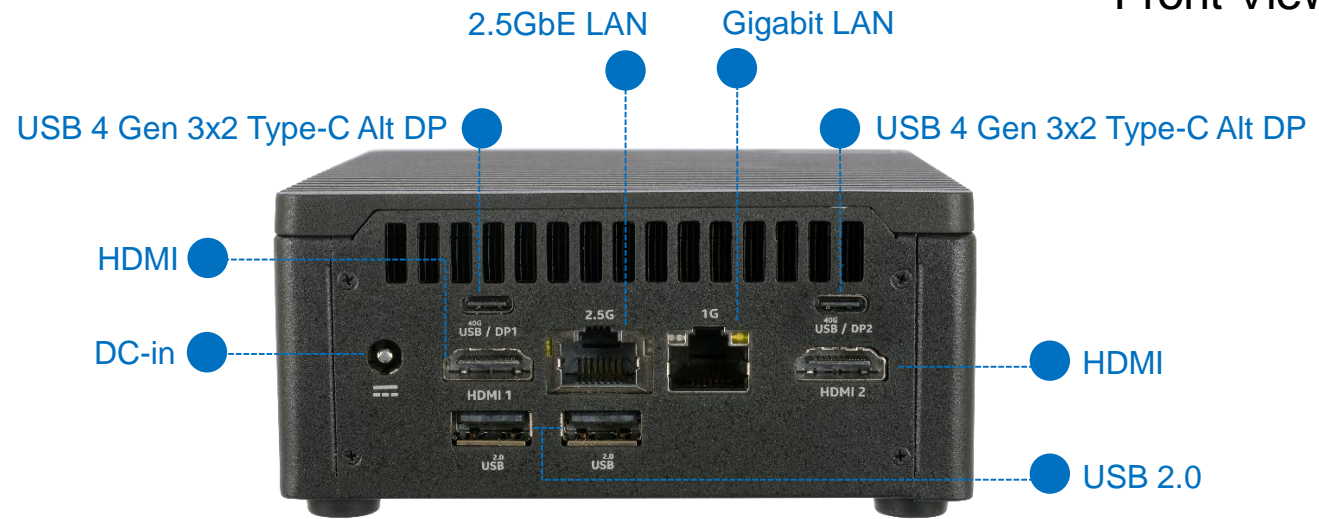Edge Computing | Factory Automation | AMR / AGV | Smart Retail | Businesses
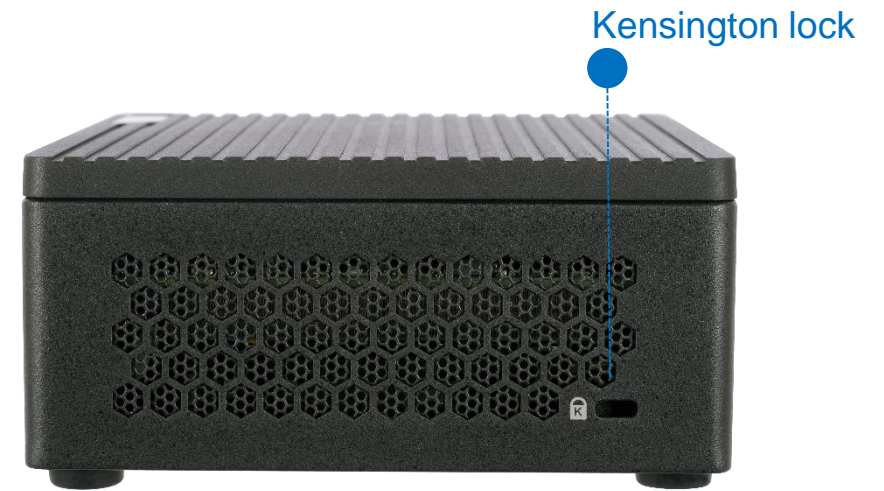
USB 3.2 Gen 2x1

USB 3.2 Gen 2x2 Type-C

Power Button

USB 2.0

Front View

2.5GbE LAN

Gigabit LAN

Kensington lock

USB 4 Gen 3x2 Type-C Alt DP

USB 4 Gen 3x2 Type-C Alt DP

HDMI

DC-in

HDMI

USB 2.0

Rear View

Side View

LIVA Z7 PLUS

CPU	Intel® Core™ Ultra 7 155H Processor
	Intel® Core™ Ultra 5 125H Processor
Memory	2 x SO-DIMMs DDR5 5600MHz, up to 96GB
Graphics	Integrated with Intel® Arc™ graphics
Storage	1 x M.2 2280 PCIe Gen4x4 NVMe SSD
	1 x M.2 2242 PCIe Gen4x4 NVMe SSD
Wireless	WLAN 802.11ax
Video Output	2 x HDMI (w/ CEC function)
	2 x USB Type-C DisplayPort
I/O	Front I/O: 3 x USB 3.2 Gen 2x1; 1 x USB 3.2 Gen 2x2 Type-C; 1 x USB 2.0 — Side I/O: 1 x Kensington Lock — Rear I/O: 2 x USB 4.0 Gen 3x2 Type-C (to DP); 2 x USB 2.0; 2 x HDMI; 1 x 2.5 GbE + 1 x 1.0 GbE LAN; 1 x DC-in
Dimension	115 x 115 x 50.6mm
OS Support	Windows 11 / Linux
Power Supply	20V / 120W
Operation Temperature	0 ~ 40℃
Others	Support HDMI CEC

Thank You