

Compact AI-Ready Mini PC for High- Performance Computing



Mini PC X29 Ultra

Accelerate AI Workloads and Data Analytics with Intel® Arc™ Graphics

SDC Mini PC X29 Ultra delivers high performance and intelligent processing in a compact form factor, designed for enterprise applications and AI-driven workloads. Powered by the Intel® Core™ Ultra X7 processor 358H, it provides advanced processing capabilities for demanding corporate and data-intensive environments.

With support for artificial intelligence workloads and data analytics through the Intel® Arc™ B390 GPU, the system is optimized for modern AI applications. High-speed connectivity ports enable seamless integration and enhanced productivity across systems and devices. Its compact design supports up to four monitors (1x DP, 1x HDMI, and 2x Type-C) and offers operating system flexibility with Windows 11 Pro or Linux, making it a versatile solution for performance-focused computing environments.



**Next-Gen Intel®
Core™ Ultra
16-core Mini PC
with 8K graphics**

Intel Products and Technologies

Accelerating AI and Analytics at the Edge



Intel® Core™
Ultra Processors



Intel® Arc™
Graphics



OpenVINO™
Toolkit

Key Features

Empowered by Intel.



High
Performance



Compact
Form Factor



Supports Up to
4 Monitors



Advanced
Connectivity

SDC Mini PC X29 Ultra



intel ai

Intel® AI Edge Systems

Product Specifications

CPU	Intel® Core™ Ultra X7 Processor 358H
Graphics	Intel® Arc™ B390 GPU
Memory	Up to 16*2 GB
Storage	Up to 2TB*2
Wireless Network	IEEE 802.11 a, b/g, n, ac, ax, be / M.2 E_Key (wifi5/6/7)
LAN	2* 10M/100M/1000M/2.5Gbps self-adaptive
Operating / Storage Temp.	0°C ~ 40°C / -20°C ~ 60° C
Dimension (W x D x H)	128mm x 128mm x 37mm
Weight	~400g
OS	Windows 11/Linux
I/O Options (Input/Output)	USB3.0 - Front USB3.0 USB3.2 GEN2 Type-A*2 10Gbps 5V/1A - Rear USB3.0 USB3.2 GEN1 Type-A*2 5Gbps*2 5V/1A HDMI - video output HDMI 2.1 *1 TMDS Max: 4096*2160@60Hz DP - 4K audio and video output DP 2.1 *1 Max: 7680*4320 @ 60Hz RJ45 - Gigabit Ethernet * 2 Type C - data transmission DP+USB4 *1 40Gbps 5V/3A - full-featured DP+PD+USB3.2 GEN2 *2 20Gbps PD: 20V/5A

Learn More

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