

Edge AI System with Intel® Core™ Ultra Processor (Series 2)



FPC-9309W-G5

Advanced NPU Integration and Storage Versatility

The ARBOR FPC-9309W-G5 is a rugged edge AI computing platform designed to deliver high-performance, real-time analytics in demanding industrial environments. Powered by Intel® Core™ Ultra processors, it integrates CPU, GPU, and NPU capabilities to accelerate AI inference while optimizing power efficiency and responsiveness at the edge.

Engineered for scalability, the system supports high-performance GPU expansion, flexible PCIe configurations, and hybrid storage with NVMe and SATA options to handle data-intensive workloads. Its rich I/O, including multiple 2.5GbE LAN ports, USB 3.2, and multi-display outputs, enables seamless connectivity to cameras, sensors, and control systems.

With an industrial-grade, anti-vibration chassis, wide power input range, and advanced thermal design, the platform ensures reliable, secure, and continuous AI operations across diverse edge deployments.

ARBOR x intel.

Accelerate AI at the edge with Intel® CPU, GPU, and NPU integration for responsive industrial analytics.

Intel Products and Technologies

Accelerating AI and Analytics at the Edge



Intel® Core™
Ultra Processors



Intel® Ethernet



OpenVINO™
Toolkit

Key Features

Empowered by Intel.



Flexible M.2
Storage Bays



Dual 3.5"
External Bays

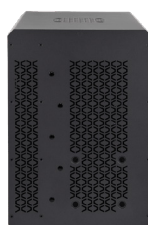


600W GPU
Support



Ignition Power
Control

ARBOR Technology FPC-9309W-G5



intel ai

Intel® AI Edge Systems

Product Specifications

CPU	Intel® Core™ Ultra Processors (Series 2) in LGA1851 socket (35W / 65W CPU)
Graphics	Integrated Intel® HD Graphics
Memory	4 x DDR5 U-DIMM sockets, Supporting 5600MHz SDRAM up to 192GB (ECC / Non-ECC)
Storage	2 x 2.5"/3.5" drive bays (outside accessible); 2 x M.2 M key NVMe SSD (2242/2280) with PCIe x 4
Wireless Network	Intel® Wi Fi 6, Bluetooth®, optional 5G/LTE expansion
LAN	4 x RJ-45 ports for GbE/2.5GbE
Operating / Storage Temp.	-20°C ~ 55°C (65W TDP CPU) and -20°C ~ 70°C (35W TDP CPU) / -40°C ~ 85°C
Dimension (W x D x H)	220mm x 380mm x 320mm
Weight	7.4 kg
OS	Windows 10/11 IoT Enterprise 2021 Linux (Kernal 6.11)
I/O Options (Input/Output)	Quad 2.5GbE LAN, 8× USB 3.2, 4× COM, dual HDMI/DP, DIO support

Learn More

[ARBOR Technology FPC-9309W-G5](#)

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