FPC-9309W-G5

Industrial Edge AI Computer





Specifications

CPU

• Intel® Core™ Ultra 5/7/9 2nd Generation (Arrow Lake):

Ultra 9 285	Ultra 7 265	Ultra 5 245	Ultra 5 225
5.6 GHz	5.3 GHz	5.1 GHz	4.9 GHz
Ultra 9 285T	Ultra 7 265T	Ultra 5 245T	Ultra 5 225T
5.4 GHz	5.3 GHz	5.1 GHz	4.9 GHz

Memory

• 4x 288-pin DIMM sockets
• Supports up to 256GB DDR5 5600 MHz, unbuffered, None ECC or ECC

Chipset

• Intel® W880E

Graphic

• Integrated in CPU Intel® Xe-LPG Graphics
Support DirectX 12, OpenGL 4.5, OpenCL 3, Quad View
• Video ports: 2xHDMI, 2xDisplay Port
• DP 2.1: resolution up to 4096x2160 @ 60Hz
• HDMI 2.1: resolution up to 4096x2160 @ 60Hz

Ethernet

• 4x Intel® WGI226LM 2.5Gigabit Ethernet Controller

Storage / Drive Bays / Slots

• 2x 2.5"/3.5" Drive Bay
• 2x 2242/2280 M.2 M-Key (NVMe PCIe x4) Slot

RAID / SATA

• 2x SATA 3.0 (Support RAID 0/1/5)

Expansion Slots

• 2x PCIe x16 (For 600W or 2x300W GPU)
• 3x PCIe x8 (x4 signal)
• 1x 2242/3052 M.2 B-Key (For WWAN or SSD) Slot
• 1x 2230 M.2 E-Key (For WiFi/BT) Slot
• 1x MiniPCIe Full-Size (For WiFi/BT/GPS/WWAN) Slot

Front I/O

• 2x HDMI, 2x DP, 4x RJ45 LAN, 8x USB 3.2
• 4x DB9 (2xRS232, 2xRS232/485), 1x DB25 (16-bit DIO)
• Line-out, Mic-in

Power Supply

• Power input: 24-48V Terminal Block connector

Cooling

• System: Active Cooling (Internal Fan)
• Expansion Compartment: Active Cooling (Internal Fan)

Mechanical

• Aluminum Alloy Chassis
• Mounting: Desktop Mount, Wall Mount
• Power Button in front

Dimensions

• Dimension (W x H x D mm): 220 x 320 x 380 mm
• Weight: 7.4 kg

Environment

• Operating Temperature: -20°C to 55°C (-20°C to 45°C with GPU)
• Storage Temperature: -40°C to 85°C
• Humidity: 10 ~ 95%, non-condensing

Certifications

• CE
• FCC Class A

Operating System Support

• Windows 10 /11 Pro / Windows 10 IoT LTSC / 11 IoT LTSC

Ordering Information

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