AIDG-6701D

Industrial Embedded Computer





Specifications

CPU

• Intel® Core™ i3/i5/i7 12th/13th/14th Generation:

i7-14700T	i5-14500T	i3-14100T	i7-13700T	i5-13500T	i3-13100T	i7-12700T	i5-12500T	i3-12100T
5.2 GHz	4.8 GHz	4.4 GHz	4.9 GHz	4.6 GHz	4.2 GHz	4.7 GHz	4.4 GHz	4.1 GHz
i7-14700TE	i5-14500TE	i3-14100TE	i7-13700TE	i5-13500TE	i3-13100TE	i7-12700TE	i5-12500TE	i3-12100TE
5.4 GHz	2.6 GHz	3.5 GHz	5.2 GHz	2.5 GHz	3.4 GHz	4.9 GHz	3.0 GHz	3.3 GHz

Memory

• 2x 262-pin SO-DIMM sockets
• Supports up to 64GB DDR5 4800/5600 MHz, unbuffered, None ECC

Chipset

• Intel® Q670

Graphic

• Integrated in CPU Intel® UHD Graphics 770 / 730 / 710
Support DirectX 12, OpenGL 4.5, OpenCL 2.1, Triple View
• Video ports: DisplayPort, HDMI, VGA
• DP 1.4a: resolution up to 4096x2160 @ 60Hz
• HDMI 1.4: resolution up to 4096x2304 @ 60Hz
• VGA: resolution up to 1920x1200 @ 60Hz

Ethernet

• 1x Intel® i219-LM Gigabit Ethernet Controller
• 2x Intel® i210-AT Gigabit Ethernet Controller

Storage / Drive Bays / Slots

• 2x 2.5" Drive Bay
• 2x 2280 M.2 M-Key (SATA) Slot

RAID / SATA

• 2x SATA 3.0 (Support RAID 0/1)

Expansion Slots

• 1x PCIe x16 (For GPU)
• 1x PCIe x4 (x2 signal)
• 1x 3042 M.2 B-Key (For WWAN/GPS) Slot
• 1x 2230 M.2 E-Key (For WiFi/BT) Slot

Front I/O

• 1x HDMI, 1x DP, 1x VGA, 3x RJ45 LAN, 6x USB 3.0
• 2x DB9 (1xRS232, 1xRS232/485)
• Line-out, Mic-in

Power Supply

• Power input: 2x 24V Terminal Block connector

Cooling

• System: Passive Cooling (with External Fan)
• Expansion Compartment: Active Cooling (2xFan)

Mechanical

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

Dimensions

• Dimension (W x H x D mm): 220 x 176 x 390 mm
• Weight: 7.6 kg

Environment

• Operating Temperature: -10°C to 50°C
• Storage Temperature: -40°C to 80°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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