

G-ADLS01 specifications

Industrial control motherboard based on Intel® Alder Lake, suitable for industrial computers, human-machine interfaces, etc., AI functions can also provide fast and accurate machine vision.

- With Intel® Alder Lake S series CPU, Intel® Xe Graphics
- 2*DDR4 SO-DIMM, support DDR4 3200 Dual Channel, Max 64GB
- Wide voltage design, support 9-36V DC power supply
- 1*I225LM, 2*I225-V 2.5G multi-network ports 1*M.2 Key-B 3042/3052, support 4G/5G
- 1*M.2 Key-E 2242, support Bluetooth WIFI
- 1*VGA, maximum resolution 1920*1200@60Hz
- 1*HDMI 2.0b, maximum resolution 4K@60Hz
- 1*DP, 1.4a, 8K@60Hz
- Support three-screen synchronous/asynchronous display
- 3*DB9, 3*JCOM, COM2/COM3 optional RS232/422/485

System					
CPU/GPU	Intel® Alder Lake S series CPU, TDP65W Intel® Xe Graphics				
Memory	2×DDR4 SO-DIMM, Support DDR4 3200 Dual Channel, Max 64GB				
Storage	2×SATA3.0 1×M.2				
Audio	Realtek ALC897 HD audio chip				
Ethernet	1×I225LM, 2×I225-V network port 1×M.2 Key-B 3042/3052, support 4G/5G				
Display	1×VGA, maximum resolution, 1920*1200@60Hz 1×HDMI 2.0b, maximum resolution, 4K@60Hz 1×DP, 1.4a, 8K@60Hz Support three-screen synchronous/asynchronous display				
COM	3×DB9, 3×JCOM, COM2/COM3 optional RS232/422/485				
USB	11×USB(2×USB3.2 Gen2X1, 4×USB3.2 Gen2X2, 5×USB2.0)				
Rear I/O (front)	1×VGA, 1×COM, 1×HDMI, 1×DP, 3×RJ45 LAN, 1×USB3.2 2X1, 2×USB3.2 2X2, 1×Audio Jack (Line-out&Mic), 1×LED				
Rear I/O (back)	2×DDR4 SO-DIMM, 1×(PCIe X16), 3×M.2, 1×SIM, 1×USB TypeA, 2×JUSB (4 USB2.0 ports can be expanded), 3×JCOM(3 COM ports can be expanded), 1×JLPT, 1×SATA3.0, 1×SATA_PWR, 1×CPU_FAN, 1×SYS_FAN, 2×CN				
Internal Connect	2×DDR4 SO-DIMM, 3×M.2, 1×PCIe X16, 1×SIM, 1×USB TypeA, 2×JUSB (4 USB2.0 ports can be expanded), 3×JCOM(3 COM ports can be expanded), 1×JLPT, 1×SATA3.0, 1×SATA_PWR, 1×CPU_FAN, 1×SYS_FAN, 1×CN				
JUMP	1×CLR_CMOS, 1×JAT/ATX				
Special function	Supports Watchdog, Wake On LAN, PXE function				
Mechanical & Environmental					
PWR_IN	Standard DC power	Cooling	Fan heat sink	Dimension	229×226×1.6mm
Operation temp	-20~60° C	Storage temp	-40~85°C	Humidity	5%~95%RH, non-condensing

