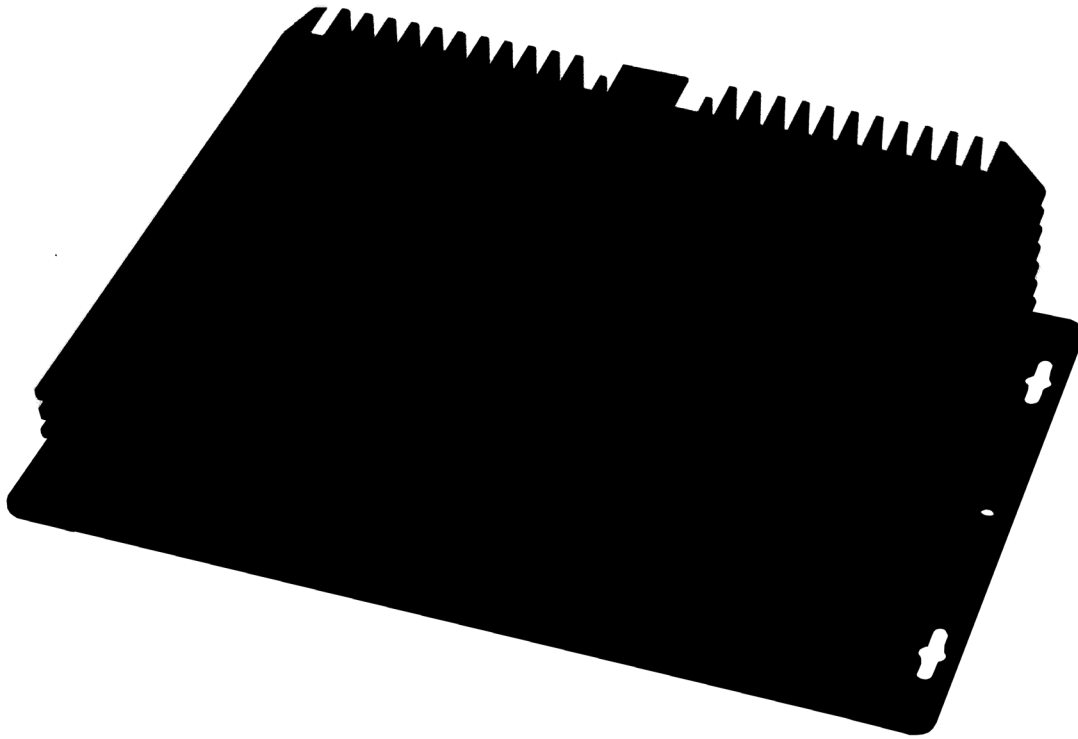


DSAL-35

Intel® Alder Lake-U series Processor based Fanless Industrial PC with 6COM



Features

- CPU: Intel® Alder Lake-U Series Processor
- Memory: Dual Channel SO-DIMM DDR4 up to 64GB
- Display via: Intel® Integrated Graphics via 2xHDMI2.0
- I/O Ports: 4xUSB3.2, 4xUSB2.0, 2xLAN, 6xCOM
- Ethernet: Intel i219(1.0GbE)+Intel i210(1.0GbE)
- Storage: SATA3.0, M.2 for SATA/4G, M.2 for NVMe
- Dimension: 255mm x 165mm x 60mm
- Power: 9V-35V DC-in



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Introduction

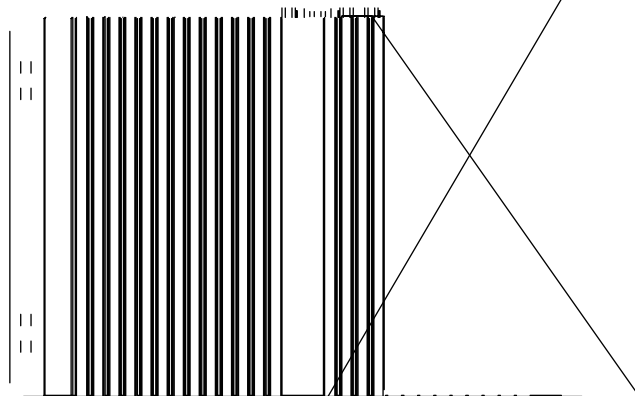


I/O Interfaces

Technical Specifications

Processor	Alder Lake U Series	i5-1235U	
	Total Cores/Threads	10C/12T	
	# of Performance-cores	2	
	# of Efficient-cores	8	
	P-core Max Turbo Frequency	4.40 GHz	
	E-core Max Turbo Frequency	3.30 GHz	
	Cache	12 MB	
	Processor base Power	15 W	
	BIOS	AMI UEFI BIOS	
Memory	Type	Dual Channel SO-DIMM DDR4	
	Max.Capacity	64GB	
Display	GPU	Integrated Intel Iris® Xe Graphics eligible	
	Interface	2x HDMI2.0	
Ethernet	Controller	1x Intel i210 Data Rate Per Port: 1.0GbE	
		1x Intel i219 Data Rate Per Port: 1.0GbE	
	Interface	2xRJ45	
	Wake on LAN	Yes	
Audio	Audio Codec	Realtek HD	
	Interface	1xCTIA, Line_out+Mic_in, supports audio header and amplifier header	
Hardware	CPU system temperature, onboard voltage, watchdog, and auto power on		
Storage	M.2	1×M.2 for NVMe 2280 SSD	
		1×M.2 for SATA/4G	
	SATA3.0	1x SATA3.0 for 2.5-inch HDD	
Expansion	M.2	1x M.2 for WiFi, support PCIE & Intel® Integrated Connectivity (CNVi)	
	SIM	Optional	
	COM	6xCOM: 6*RS232(COM3_4 can be set as RS485/RS422 in BIOS)	
I/O Interface		The COM5,COM6 are 2-wire serial communication	
	USB3.2	4	
	USB2.0	4	
	GPIO	8(8-bit GPIO with Power plus Wired Control)	
	Audio	1×CTIA Audio Jack, 2-in-1(Line_out+Mic_in)	
	Dimension	Size	255mm x 165mm x 60mm
		Cooling	Passive
Power	Standard Port	9V-35V DC-in	
	Peripheral Input	For Fan and SATA	
	Operating Temp.	-20°C ~60°C	
	Storage Temp.	-40°C ~80°C	
Operating System	Win10/11 64 bit, Linux 64 bit		

Dimension



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