

INDUSTRIAL PC / EMBEDDED COMPUTER

Alderamin-4342-2-1900 - Fanless System

Article number: Alderamin-4342-2-1900



Industrial PC, Fanless, CPU type: Intel® Celeron® Processor J1900, CPU frequency: 2 GHz, 4 CPU cores, L2 Cache: 2 MB, frequency: 1333 MHz

GENERAL DATA	
Type	Industrial PC
Series	Alderamin
Power button	Yes
Reset button	Yes
Cooling	Fanless
CPU	
CPU type	Intel® Celeron® Processor J1900
CPU generation	Bay Trail-I
CPU family	Intel® Celeron™
CPU socket	Soldered
CPU frequency	2 GHz
CPU frequency max.	2.42 GHz
CPU cores	4
L2 cache	2 MB
Hyperthreading	No
Embedded	Yes
MEMORY / RAM	
Socket type	SO-DIMM
Number of slots	1
Storage type	DDR3L
ECC	No
Frequency	1333 MHz
Voltage	1.35 V
Capacity	8 GB

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STORAGE	
Bays 2.5 inch	2
Interface for bays	SATA 2.0
Amount connections for bays	2
GRAPHICS	
Graphic type	On board integriert
Graphic chip (GPU)	Intel® HD Graphics
Graphic memory	Shared
Direct X Level	11.1
OpenGL	4.0
DVI-I	1
Amount simultaneous displays	2
Resolution max.	2560 x 1600 @ 60 Hz
ADDITIONAL INTERFACES	
RS-232	2
RS-232/422/485	2
USB 2.0	3
USB 3.0	1
LPT	1
Mic-in	1
Speaker-out	1
Digital Input	8 (Optional)
Digital Output	8 (Optional)
Other	Remote on/off, 3-pin
EXPANSION SLOTS	
PCIe 4x	1
PCI	2
ETHERNET	
Connector TX	RJ45
10/100/1000BaseTX ports	2
POWER SUPPLY	
Power supply V DC	8 - 25 V DC
Power supply connector	Terminal block, 3-pin
PHYSICAL CHARACTERISTICS	
Housing material	Steel / Aluminium
Housing color	Silver
Ingress protection	IP20
Dimensions (W x H x D)	139 x 160 x 225 mm
Weight	2200 g
Mounting	Wall mount

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ENVIRONMENTAL	
Operating temperature range	-25 - +70 °C
Storage temperature range	-40 - +85 °C
Humidity	10 - 90 %
Vibration	IEC 60068-2-64, 5G
Shock	50 G, 11 ms
APPROVALS	
CE	Yes
FCC	Class A

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