

INDUSTRIAL PC / EMBEDDED COMPUTER

Alderamin-3186-1-619SW - Fanless System with Wi-Fi and LTE

Article number: Alderamin-3186-1-619SW



Industrial PC, Fanless, CPU type: Intel® Core™ i3-6100TE Processor, CPU frequency: 2,7 GHz, 2 CPU cores, L2 Cache: 4 MB, frequency: 2133 MHz

GENERAL DATA	
Type	Industrial PC
Series	Alderamin
Power button	Yes
Reset button	Yes
Cooling	Fanless
Storage	SSD 128 GB integrated
CPU	
CPU type	Intel® Core™ i3-6100TE Processor
CPU generation	Skylake
CPU family	Intel® Core™ i3
CPU socket	FCLGA1151
CPU frequency	2.7 GHz
CPU frequency max.	2.7 GHz
CPU cores	2
L2 cache	4 MB
Hyperthreading	Yes
Embedded	Yes

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MEMORY / RAM	
Socket type	SO-DIMM
Number of slots	2
Storage type	DDR4
ECC	No
Frequency	2133 MHz
Voltage	1.2 V
Capacity	8 GB
STORAGE	
Bays 2.5 inch	2
Interface for bays	SATA 3.0
Amount connections for bays	2
CELLULAR CHARACTERISTICS	
Chipset	Huawei ME909s-120 mPCIe
2G standard	GSM, GPRS, EDGE
3G standard	UMTS, HSPA, HSPA+, DC-HSPA+
4G standard	LTE
Frequency GSM/GPRS	850/900/1800/1900 MHz
Frequency UMTS	850/900/1900/2100 MHz
Frequency LTE	800/850/900/1700/1800/1900/2100/2600 MHz
Download (max.)	150 Mbps
Upload (max.)	50 Mbps
WI-FI CHARACTERISTICS	
IEEE 802.11a	54 Mbps
IEEE 802.11b	11 Mbps
IEEE 802.11g	54 Mbps
IEEE 802.11n	150 Mbps
IEEE 802.11ac	433 Mbps
IEEE 802.11i	64/128-bits WEP, WPA, WPA2, 802.1x, WPS
GRAPHICS	
Graphic type	On board integrated
Graphic chip (GPU)	Intel® HD Graphics 530
Graphic memory	Shared
Direct X Level	12
OpenGL	4.4
VGA	1
DVI-D	1
Display port	2
Amount simultaneous displays	3
Resolution max.	4096 x 2304 @ 60 Hz

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ADDITIONAL INTERFACES	
RS-232	1
RS-232/422/485	2
USB 2.0	4
USB 3.0	4
Mic-in	1
Speaker-out	1
Other	Remote on/off, 10-pin
EXPANSION SLOTS	
PCIe 16x	1
ETHERNET	
Connector TX	RJ45
10/100/1000BaseTX ports	6
10/100/1000BaseTX PoE+ ports	4
POWER SUPPLY	
Power supply V DC	8 - 35 V DC
Power supply connector	Terminal block, 3-pin
SOFTWARE CHARACTERISTICS	
Configuration	Windows 10 IoT Enterprise LTSB (preinstalled)
PHYSICAL CHARACTERISTICS	
Housing material	Steel / Aluminium
Housing color	White
Ingress protection	IP20
Dimensions (W x H x D)	240 x 90 x 225 mm
Weight	4400 g
Mounting	Wall mount
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


SARTELCO® SISTEMI SRL

 Via Torri Bianche, 1
 20871 Vimercate (MB)

 Tel. +39- 039- 62905.1 Fax. +39- 039- 62905.99
 e-mail sistemi@sartelco.it Web www.sartelco.it
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