

INDUSTRIAL PC / EMBEDDED COMPUTER

Arrakis-2035-1-479SW - Fanless System with Wi-Fi and LTE

Article number: Arrakis-2035-1-479SW



Industrial PC, Fanless, CPU type: Intel Celeron Processor 1047UE, CPU frequency: 1.4 GHz, 2 CPU cores, L2 Cache: 2 MB, Frequency: 1066 MHz

GENERAL DATA	
Type	Industrial PC
Series	Arrakis
Power button	Yes
Reset button	No
Cooling	Fanless
Storage	SSD 64 GB integrated
CPU	
CPU type	Intel® Celeron™ 1047UE Processor
CPU generation	Ivy Bridge
CPU family	Intel® Celeron™
CPU socket	FCBGA1023
CPU frequency	1.4 GHz
CPU frequency max.	1.4 GHz
CPU cores	2
L2 cache	2 MB
Hyperthreading	No
Embedded	Yes

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MEMORY / RAM	
Socket type	Soldered
Number of slots	0
Storage type	DDR3
ECC	No
Frequency	1066 MHz
Voltage	1.5 V
Capacity	4 GB
STORAGE	
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
Graphic memory	Shared
Direct X Level	Level 11
OpenGL	3.0
HDMI	1
LVDS	2 channels 18/24 bits
Amount simultaneous displays	1
Resolution max.	1920 x 1200

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ADDITIONAL INTERFACES	
RS-232	1
RS-485	1
USB 2.0	3
Line-out	1
Mic-in	1
Digital Input	8 (Optional)
Digital Output	8 (Optional)
Other	1x SIM Card Slot
ETHERNET	
Connector TX	RJ45
10/100/1000BaseTX ports	1
10/100/1000BaseTX PoE ports	4
POWER SUPPLY	
Power supply V DC	9 - 36 V
Power supply connector	DC IN +12 V
SOFTWARE CHARACTERISTICS	
Configuration	Windows 10 IoT Enterprise LTSC (preinstalled)
PHYSICAL CHARACTERISTICS	
Housing material	Aluminium
Housing color	Silver
Ingress protection	IP20
Dimensions (W x H x D)	72,9 x 178 x 116 mm
Weight	500 g
Mounting	DIN Rail mount
ENVIRONMENTAL	
Operating temperature range	-20 - +60 °C
Humidity	5 - 95 %
APPROVALS	
CE	Yes
FCC	Class A
UL/cUL	Yes


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