

EMBEDDED COMPUTER / FANLESS SYSTEMS

Arrakis-1022-1-909S - Fanless System with LTE

Article number: Arrakis-1022-1-909S



Industrial PC with integrated LTE chipset, Fanless, CPU type: Intel Atom E3845, CPU frequency: 1.91 GHz, 4 CPU cores, L2 Cache: 2 MB, Frequency: 1333 MHz

GENERAL DATA	
Type	Industrial PC
Series	Arrakis
Power button	Yes
Reset button	No
Cooling	Fanless
Version	mSATA 64 GB integrated
CPU	
CPU type	Intel® Atom™ E3845
CPU generation	Bay Trail-I
CPU family	Intel® Atom™
CPU socket	Soldered
CPU frequency	1.91 GHz
CPU frequency max.	1.91 GHz
CPU cores	4
L2 cache	2 MB
Hyperthreading	No
Embedded	Yes

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MEMORY / RAM	
Socket type	Soldered
Number of slots	0
Storage type	DDR3L
ECC	No
Frequency	1333 MHz
Voltage	1.35 V
Capacity	4 GB
STORAGE	
Slot mSATA	1
Interface for bays	SATA 2.0
Amount connections for bays	1
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
GRAPHICS	
Graphic type	On board integrated
Graphic chip (GPU)	Intel® Graphics Gen 7
Graphic memory	Shared
Direct X Level	Level 11
OpenGL	3.0
VGA	1
LVDS	2 Channels 24/48 bits
Amount simultaneous displays	2
Resolution max.	1920 x 1080
ADDITIONAL INTERFACES	
RS-232	1
USB 2.0	2
Line-out	1
Mic-in	1
Digital Input	4 Optional
Digital Output	4 Optional
ETHERNET	
Connector TX	RJ45
10/100/1000BaseTX Ports	2

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POWER SUPPLY	
Power supply V DC	9 - 36 V
Power supply connector	DC IN +12 V
PHYSICAL CHARACTERISTICS	
Housing material	Aluminium
Housing color	Silver
Dimensions (W x H x D)	64 x 140 x 92 mm
Weight	500 g
Mounting	DIN rail mount
ENVIRONMENTAL	
Operating temperature range	-20 - +70 °C
Humidity	5 - 95 %
APPROVALS	
CE	Yes
FCC	Class A
UL/cUL	Yes


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