

EMBEDDED COMPUTER / FANLESS SYSTEMS

Arrakis-2235-1-1047 - Fanless System

Article number: Arrakis-2235-1-1047



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
CPU	
CPU type	Intel® Celeron® Processor 1047UE
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
MEMORY / RAM	
Socket type	Soldered
Number of slots	0
Storage type	DDR3
ECC	No
Frequency	1066 MHz
Voltage	1.5 V
Capacity	4 GB

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STORAGE	
Interface for bays	SATA 3.0
Amount connections for bays	2
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
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
EXPANSION SLOTS	
mPCIe Full Size	2
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
PHYSICAL CHARACTERISTICS	
Housing material	Aluminium
Housing color	Silver
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