

**EMBEDDED COMPUTER / FANLESS SYSTEMS**

**Arrakis-5242-1-2600 - Fanless System**

Article number: Arrakis-5242-1-2600



Industrial PC, Fanless, CPU type: Intel Atom N2600, CPU frequency: 1.6 GHz, 2 CPU cores, L2 Cache: 1 MB, Frequency: 800 MHz

GENERAL DATA	
Type	Industrial PC
Series	Arrakis
Power button	Yes
Reset button	No
Cooling	Fanless
CPU	
CPU type	Intel® Atom™ N2600
CPU generation	Cedarview
CPU family	Intel® Atom™
CPU socket	FCBGA559
CPU frequency	1.6 GHz
CPU frequency max.	1.6 GHz
CPU cores	2
L2 cache	1 MB
Hyperthreading	Yes
Embedded	Yes
MEMORY / RAM	
Socket type	Soldered
Number of slots	0
Storage type	DDR3
ECC	No
Frequency	800 MHz
Voltage	1.5 V
Capacity	2 GB

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STORAGE	
Slot mSATA	1
Interface for bays	SATA 2.0
Amount connections for bays	1
GRAPHICS	
Graphic type	On board integrated
Graphic chip (GPU)	Intel® Cedarview-M Graphics
Graphic memory	Shared
Direct X Level	Level 10.1
OpenGL	3.0
VGA	1
LVDS	2 Channels 18 bits
Amount simultaneous displays	1
Resolution max.	1920 x 1200
ADDITIONAL INTERFACES	
RS-232	5
USB 2.0	4
Line-out	1 Optional
Mic-in	1 Optional
PS2	Optional
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	2
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 - +70 °C
Humidity	5 - 95 %
APPROVALS	
CE	Yes
FCC	Class A
UL/cUL	Yes