



Industrial PC with integrated LTE Chipset, Fanless, CPU Type: Intel Atom E3845 Processor, CPU frequency: 1.91 GHz, 4 CPU cores, L2 Cache: 2 MB, frequency: 1333 MHz

GENERAL DATA	
Type	Industrial PC with LTE
Series	Arrakis
Power button	Yes
Reset button	No
Cooling	Fanless
CPU	
CPU type	Intel® Atom™ E3845 Processor
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
MEMORY / RAM	
Socket type	Soldered
Number of slots	0
Storage type	DDR3L
ECC	No
Frequency	1333 MHz
Voltage	1.35 V
Capacity	4 GB

INDUSTRIAL PC / EMBEDDED COMPUTER

STORAGE	
Slot mSATA	1
Interface for bays	SATA 2.0
Amount connections for bays	1
CELLULAR CHARACTERISTICS	
Chipset	Huawei ME909s-120 mPCIe
Cellular standard	GSM, GPRS, EDGE, UMTS, HSPA, HSPA+, DC-HSPA+, 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 Mbit/s
Upload (max.)	50 Mbit/s
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	1
Resolution max.	1920 x 1080
ADDITIONAL INTERFACES	
RS-232	4
USB 2.0	2
Digital Input	4 (Optional)
Digital Output	4 (Optional)
Digital Input/Output	8 (Optional)
Other	2x SIM Card Slot
EXPANSION SLOTS	
mPCIe Full Size	3
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
Ingress protection	IP20
Dimensions (W x H x D)	64 x 140 x 92 mm
Weight	500 g
Mounting	DIN rail mount

INDUSTRIAL PC / EMBEDDED COMPUTER

ENVIRONMENTAL	
Operating temperature range	-20 - +70 °C
Humidity	5 - 95 %
APPROVALS	
CE	Yes
FCC	Class A
UL/cUL	Yes

▪ 31 (0)624519198 ▪ info@rontronic.nl ▪ www.rontronic.nl