

https://www.phoenixcontact.com/us/products/1272827



Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.

IP30-rated fanless industrial box PC (BPC) with energy-efficient Intel® Atom® E3940 processor with 64 GB eMMC



### Commercial data

Item number	1272827
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DR12
Product key	DRBABA
GTIN	4063151464257
Weight per piece (including packing)	75 g
Weight per piece (excluding packing)	62 g
Customs tariff number	84715000
Country of origin	TW



https://www.phoenixcontact.com/us/products/1272827



## Technical data

### Notes

Note on application	
Note on application  Note on application	Only for industrial use
Note on application	Only for industrial use
Product properties	
Product type	Box PC
Computer data	
Processor	Intel® Atom™ E3940 1.6 GHz
Operating system	without operating system
RAM	4 GB LPDDR4
Data storage system	eMMC internal, 64 GB
Cooling	passive
Display	
Display type	none
System properties	
User software	without user software
Electrical properties	
Maximum power dissipation for nominal condition	16.8 W
Supply	
Supply voltage (DC)	24 V DC ±20% (CE rating)
Supply voltage range	12 V DC 30 V DC (Labeled operational voltage is 12 30 V DC)
Max. current consumption	0.7 A (24 V DC)
Typical current consumption	0.53 A (24 V DC)

### Connection data

#### Power supply

Connection method	Screw connection
Conductor cross-section, rigid	0.14 mm² 1.5 mm²
Conductor cross-section, flexible	0.14 mm² 1.5 mm²
Conductor cross-section AWG	28 16
Stripping length	7 mm

### Interfaces

Interfaces	1x DP++
	2x USB 3.0
Network	2x Ethernet (10/100/1000 Mbps), RJ45
LAN chipset	Intel® I210-AT



https://www.phoenixcontact.com/us/products/1272827



### **Dimensions**

#### External dimensions

Width / Height / Depth	99 mm / 92 mm / 46 mm
------------------------	-----------------------

#### Environmental and real-life conditions

#### Ambient conditions

Degree of protection	IP30
Ambient temperature (operation)	-40 °C 70 °C (With 0.5 m/s airflow. NOTE: Operation above 60°C ambient temperature invalidatesthe UL listing.)
Ambient temperature (storage/transport)	-40 °C 85 °C
Permissible humidity (operation)	5 % 85 % (non-condensing)
Shock	15g, 11 ms in accordance with IEC 60068-2-27
Vibration (operation)	1g, according to EN 60068-2-6

## Approvals

### Conformity/Approvals

Conformance	CE-compliant CE-compliant
-------------	---------------------------

## Mounting

Mounting type	DIN rail mounting
	Panel mounting (Accessories required)



https://www.phoenixcontact.com/us/products/1272827



## **Approvals**

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1272827



#### **IECEE CB Scheme**

Approval ID: US-39601-M1-UL



#### **UL Listed**

Approval ID: E238705 D12:D1050



### cUL Listed

Approval ID: E238705 D12:D1050



https://www.phoenixcontact.com/us/products/1272827



## Classifications

UNSPSC 21.0

### **ECLASS**

	ECLASS-13.0	19200102
	ECLASS-15.0	19200102
ETIM		
	ETIM 9.0	EC001413
UNSPSC		

43211500



https://www.phoenixcontact.com/us/products/1272827



## Environmental product compliance

#### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	7(a), 7(c)-l
China RoHS	
Environment friendly use period (EFUP)	EFUP-15
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.
EU REACH SVHC	
REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)

Phoenix Contact 2025 @ - all rights reserved https://www.phoenixcontact.com

Phoenix Contact USA 586 Fulling Mill Road Middletown, PA 17057, United States (+717) 944-1300 info@phoenixcon.com