

# EPC 1502 - Edge device



1185416

<https://www.phoenixcontact.com/us/products/1185416>

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.



PLCnext Industrial Edge Computer with Intel® Celeron® N3350 processor. This small form factor programmable edge device supports IEC 61131-3, MATLAB Simulink, C/C++, and is perfect for protocol converting, data collection, and cloud computing.

## Your advantages

- Local output of visualizations via DisplayPort
- Seamless support in PLCnext Engineer for OT programming
- Connection to PROFICLOUD
- Connection to PLCnext Store, for installing e.g. Node-RED, InfluxDB or Docker-Portainer
- Numerous protocols supported such as: http, https, FTP, SNTP, SNMP, SMTP, SQL, MySQL, DCP, etc.
- Two independent Ethernet interfaces and WIFI
- High-level programming languages: IEC61131-3, C/C++, MATLAB Simulink
- Consistent graphical programming interfaces

## Commercial data

Item number	1185416
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DR12
Product key	DRBABE
GTIN	4063151225339
Weight per piece (including packing)	776 g
Weight per piece (excluding packing)	585 g
Customs tariff number	84715000
Country of origin	TW

## Technical data

### Product properties

Type	Stand-Alone
Product type	Controller
Product family	PLCnext Control

### Computer data

Cooling	passive
RAM	2 GB LPDDR4
Data storage system	eMMC internal, 32 GB

### Display

Display type	none
--------------	------

### System properties

Retentive data storage	Remanent data is not supported
------------------------	--------------------------------

### IEC 61131 runtime system

Program memory	8 Mbyte
Data storage system	12 Mbyte

### Functionality

Programming languages supported	Instruction list (IL)
	Symbolic flowchart (SFC)
	Ladder diagram (LD)
	Function block diagram (FBD)
	Structured text (ST)
	C++
	C#
	Java
Python®	
Simulink®	

### System requirements

Engineering tool	PLCnext Engineer
	Eclipse®
	Visual Studio®
	MATLAB®/ Simulink®

### Electrical properties

#### Supply

Supply voltage	24 V DC
----------------	---------

### Interfaces

# EPC 1502 - Edge device



1185416

<https://www.phoenixcontact.com/us/products/1185416>

Interfaces	1x DP++
	2x USB 3.0
	1x Wireless LAN
LAN chipset	Intel® I210-AT

## 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)	-20 °C ... 50 °C
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
FCC	Title 47 Part 15 Subpart B:2018 Class A

## Mounting

Mounting type	DIN rail mounting
	Wall mounting

# EPC 1502 - Edge device



1185416

<https://www.phoenixcontact.com/us/products/1185416>

## Classifications

### ECLASS

ECLASS-11.0	19200102
ECLASS-12.0	19200102
ECLASS-13.0	19200102

### ETIM

ETIM 9.0	EC001413
----------	----------

### UNSPSC

UNSPSC 21.0	43211500
-------------	----------

# EPC 1502 - Edge device

1185416

<https://www.phoenixcontact.com/us/products/1185416>



## Environmental product compliance

REACH SVHC

Lead 7439-92-1

Phoenix Contact 2024 © - 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](mailto:info@phoenixcon.com)