

BL RACKMOUNT 2U - Rackmount PC



2400063

<https://www.phoenixcontact.com/pc/products/2400063>

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19", 2U rack-mount PC with an Intel® Core™ i3-9100TE or Intel Core™ i7-9700TE 2.40 GHz processor and up to 32 GB of RAM. Mass storage options up to 8 TB. PCI and PCIe expansion slots are open for expansion.



Your advantages

- Tailored to the 19" rack format
- Two swappable drive trays for mass storage
- All front facing components are secured under a lockable door
- Easy maintenance with hot-swappable and changeable fan filter
- RAID support
- USB 2.0 and 3.0 support

Commercial data

Item number	2400063
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	DRBABI
Catalog page	Page 477 (C-6-2019)
GTIN	4055626033716
Weight per piece (including packing)	18.69 g
Weight per piece (excluding packing)	18,034 g
Customs tariff number	84715000
Country of origin	TW

Technical data

Notes

Note on application

Note on application	Only for industrial use
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Product properties

Product type	Rackmount PC
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Computer data

Processor	Intel® Core™ i3-9100TE 2.2 GHz
	Intel® Core™ i7-9700TE 1.8 GHz
Operating system	without operating system
	Windows® 10 IoT Enterprise LTSC 2019 (64-bit), Multi-language
RAM	32 GB DDR4 SODIMM
	16 GB DDR4 SODIMM
	8 GB DDR4 SODIMM
Data storage system	without data storage
	1 TB HDD 3.5" SATA
	2 TB HDD 3.5" SATA
	4 TB HDD 3.5" SATA
	240 GB SSD
	480 GB SSD
Cooling	active
PCI option 1	open PCI and PCIe slots
Raid system	0, 1
Slots	optional
Extended functions	3x PCI
	1x PCIe x4
	1x PCIe x16
Optical drive	DVD-RW
	without drive

Display

Display type	without display
Screen resolution	without
Touch technology	Without touch technology
Display lighting type	without
Graphics card	Intel® HD Graphics

Electrical properties

Service life of battery	5 years (typical)
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Supply

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Supply voltage	120 V AC (240 V AC)
Power supply unit	500 W

Real-time clock

Realtime clock	Yes (battery-backed)
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Interfaces

Interfaces	1x COM (RS-232/422/485)
	2x COM (RS-232)
	4x USB 2.0
	2x USB 3.0
Monitor output	1x DVI-D
Network	2x Ethernet (10/100/1000 Mbps), RJ45
LAN chipset	Intel® I210-AT
	Intel® I217

Dimensions

Width	482 mm
Height	88.6 mm
Depth	429.2 mm
Note on dimensions	2U 19-inch rack mount

External dimensions

Width / Height / Depth	482 mm / 88.6 mm / 429.2 mm
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Material specifications

Housing material	Steel
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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	0 °C ... 55 °C (Configuration options can affect the operating temperature. See user manual for details)
Ambient temperature (storage/transport)	0 °C ... 70 °C
Permissible humidity (operation)	5 % ... 95 % (non-condensing)
Permissible humidity (storage/transport)	5 % ... 95 % (non-condensing)
Shock	15g in all directions in acc. with IEC 60068-2-27
Vibration (operation)	DIN EN 60068-2-6

Mounting

Mounting type	Rack mounting
Holder system	19" rack

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Approvals


To download certificates, visit the product detail page: <https://www.phoenixcontact.com/pc/products/2400063>




EAC
Approval ID: RU C-DE.A*08.B01708




UL Listed
Approval ID: E238705



cUL Listed
Approval ID: E238705



EAC-RoHS
Approval ID: RU*-DE*HB.B.00386/20



cUL Listed
Approval ID: E238705



UL Listed
Approval ID: E238705

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Classifications

ECLASS

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

ETIM

ETIM 9.0	EC001413
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UNSPSC

UNSPSC 21.0	43211500
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Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes
Exemption	6(a), 6(a)-I, 6(b), 6(b)-II, 6(c), 7(a), 7(c)-I
China RoHS	
Environment friendly use period (EFUP)	EFUP-10
	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.)	1-Methyl-2-pyrrolidone (NMP)(CAS: 872-50-4)
	Lead titanium zirconium oxide(CAS: 12626-81-2)
	Lead(CAS: 7439-92-1)

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Accessories

IPC 3.5 1TB HDD KIT - Memory

2404642

<https://www.phoenixcontact.com/pc/products/2404642>

1 TB, 3.5" HDD kit with tray for BL Rackmount 2U and 4U industrial PC



IPC 3.5 2TB HDD KIT - Memory

2404643

<https://www.phoenixcontact.com/pc/products/2404643>

2 TB, 3.5" HDD kit with tray for BL Rackmount 2U and 4U industrial PC



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IPC 3.5 4TB HDD KIT - Memory

2404644

<https://www.phoenixcontact.com/pc/products/2404644>

4 TB, 3.5" HDD kit with tray for BL Rackmount 2U and 4U industrial PC



WIN7 TO WIN10 2016 KIT - ENTRY - Software package

1096118

<https://www.phoenixcontact.com/pc/products/1096118>



Kit for upgrading specific Windows® 7 operating system to Windows 10 2016 IoT LTSC (Entry) operating system. Kit includes a USB drive and Microsoft® Certificate of Authenticity (CoA) sticker.

Supported IPC platforms for the Windows 10 IoT LTSC 2016 Entry license include: VL2 BPC/PPC 1000, BL BPC/PPC 2000, VL BPC/PPC 2000, VL2 BPC/PPC 2000.

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WIN7 TO WIN10 2016 KIT - HIGH - Software package

1096120

<https://www.phoenixcontact.com/pc/products/1096120>



Kit for upgrading specific Windows® 7 operating system to Windows 10 2016 IoT LTSC (High) operating system. Kit includes a USB drive and Microsoft® Certificate of Authenticity (CoA) sticker.

Supported IPC platforms for the Windows 10 IoT LTSC 2016 High license include: BL BPC/PPC 7000, DL PPC... 7000, VL2 BPC/PPC 9000, and BL RM... with an i7-4770S 3.1 GHz processor (I41 configuration code)

IPC 2U FILTER - Accessories

2403839

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IPC 3.5 1TB HDD - Memory

2403835

<https://www.phoenixcontact.com/pc/products/2403835>

1 TB, 3.5" HDD for BL RACKMOUNT 2U and BL RACKMOUNT 4U industrial PC
(tray is not included)



IPC 3.5 2TB HDD - Memory

2403836

<https://www.phoenixcontact.com/pc/products/2403836>

2 TB, 3.5" HDD for BL RACKMOUNT 2U and BL RACKMOUNT 4U industrial PC
(tray is not included)



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IPC 3.5 4TB HDD - Memory

2403837

<https://www.phoenixcontact.com/pc/products/2403837>

4 TB, 3.5" HDD for BL RACKMOUNT 2U and BL RACKMOUNT 4U industrial PC
(tray is not included)



IPC 3.5/2.5 TRAY - Removable hard drive tray

2403838

<https://www.phoenixcontact.com/pc/products/2403838>

Tray for BL RACKMOUNT... industrial PCs



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WIN10 IOT 2019 LTSC USB HIGH - Software package

1141593

<https://www.phoenixcontact.com/pc/products/1141593>



The WIN10 IOT 2019 LTSC USB HIGH kit will upgrade a Phoenix Contact industrial PC (IPC) from Windows® 7, Windows 10 IOT LTSC 2015, or Windows 10 IOT LTSC 2016 operating system to a Windows 10 IOT LTSC 2019 operating system. These products will only upgrade IPC's manufactured by Phoenix Contact that were sold and configured with one of the Windows operating systems previously mentioned.

Supported IPC platforms for the WIN10 IOT 2019 LTSC USB HIGH license include: DL PPC... 7000, VL2 BPC/PPC 9000, and BL RM... with an i7-4770S 3.1 GHz processor (I41 configuration code).

WIN10 IOT 2019 LTSC USB VALUE - Software package

1141601

<https://www.phoenixcontact.com/pc/products/1141601>



The WIN10 IOT 2019 LTSC USB VALUE kit will upgrade a Phoenix Contact industrial PC (IPC) from Windows® 7, Windows 10 IOT LTSC 2015 or Windows 10 IOT LTSC 2016 operating system to a Windows 10 IOT LTSC 2019 operating system. These products will only upgrade IPC's manufactured by Phoenix Contact that were sold and configured with one of the Windows operating systems previously mentioned.

Supported IPC platforms for the WIN10 2019 IOT LTSC USB VALUE license include: BL BPC/PPC 3000, VL BPC/PPC 3000, VL2 BPC/PPC 3000/7000, and BL RM... with an i3-4330TE 2.4 GHz processor (I40 configuration code).

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