

VL2 BPC 7000 - Box PC



2400333

<https://www.phoenixcontact.com/us/products/2400333>

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IP30-rated Valueline® industrial box PC (BPC) with fanless design and Intel® Core™ i5-4300U processor with up to 16 GB of RAM. Mass storage options include HDD and SSD. A single optional PCI or PCIe slot is available.



EF00 option

Your advantages

- Configurable as a box PC (BPC)
- Fanless design for industrial applications
- Powerful and energy-efficient Intel® Core™ i5 processor
- Box PC (BPC): IP30 rating
- Easily removable rotating or solid-state hard drives in a variety of sizes

Commercial data

Item number	2400333
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	DR20
Product key	DRBAAA
Weight per piece (including packing)	4,800 g
Weight per piece (excluding packing)	6,036 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	Box PC
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Computer data

Processor	Intel® Core™ i5-4300U 1.9 GHz/2.9 GHz
Operating system	without operating system
	Windows® 7 Professional SP1 (64-Bit), German
	Windows® 7 Professional SP1 (64-bit), English
	Windows® 7 Ultimate SP1 (64 bit), Multi-language
	Windows® 7 Ultimate SP1 (32-bit), Multi-language
	Windows® 7 Professional SP1 (32-bit), English
	Windows® 7 Professional SP1 (32-bit), German
	Windows® Embedded Standard 7 SP1 (32-bit), Multi-language
	Windows® Embedded Standard 7 SP1 (64-bit), Multi-language
	Windows® 10 IoT Enterprise LTSC 2019 (64-bit), Multi-language
RAM	4 GB DDR3 SODIMM
	8 GB DDR3 SODIMM
	16 GB DDR3 SODIMM
Data storage system	without data storage
	SSD (SLC), 4 GB
	SSD (SLC), 8 GB
	SSD (SLC), 16 GB
	SSD (SLC), 32 GB
	2.5" HDD SATA, 320 GB
	2.5" SSD (MLC), 480 GB
Cooling	passive
PCI option 1	without slot
	PCI
	PCIe x4
Raid system	0, 1
Slots	PCI/PCIe optional

Display

Display type	without display
Screen resolution	not relevant

Touch technology	Without touch technology
Graphics card	Intel® HD Graphics 4400

Electrical properties

Service life of battery	5 years (typical)
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Supply

Power supply unit	24 V DC ±20 %
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Real-time clock

Realtime clock	Yes (battery-backed)
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Interfaces

Interfaces	1x COM (RS-232/422/485)
	2x USB 2.0
	2x USB 3.0
Optional interfaces	Without optional interface
	2x COM (RS-232), 1x COM (RS-232/422/485)
	2x Ethernet, 1x audio out (3.5 mm), 1x audio in (3.5 mm)
Monitor output	2x DisplayPort
Network	2x Ethernet (10/100/1000 Mbps), RJ45
LAN chipset	Intel® I210-AT

Dimensions

Width	264 mm
Height	215 mm
Depth	95 mm
Note on dimensions	dependent on configuration

External dimensions

Width / Height / Depth	264 mm / 215 mm / 95 mm (dependent on configuration)
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Installation dimensions

Width / Height / Installation depth	// (dependent on configuration)
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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP30
Ambient temperature (operation)	0 °C ... 45 °C (with HDD)
	-20 °C ... 60 °C (with SSD)
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Permissible humidity (operation)	5 % ... 95 % (non-condensing)
Permissible humidity (storage/transport)	5 % ... 95 % (non-condensing)
Shock	15g, 11 ms in accordance with IEC 60068-2-27
Vibration (operation)	DIN EN 60068-2-6

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Mounting

Mounting type	
	Bookshelf mounting
	Panel mounting

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Approvals

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UL Listed

Approval ID: E238705



cUL Listed

Approval ID: E238705



cUL Listed

Approval ID: E196811



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Approval ID: E196811

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Classifications

ECLASS

ECLASS-13.0

19200102

ETIM

ETIM 9.0

EC001413

UNSPSC

UNSPSC 21.0

43211500

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(a), 6(a)-I, 6(c), 7(a), 7(c)-I

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 titanium zirconium oxide(CAS: 12626-81-2)
	Lead titanium trioxide(CAS: 12060-00-3)
	Lead(CAS: 7439-92-1)