

VL3 BPC - Box PC



1376797/A22/I56

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IP30-rated industrial box PC (BPC) with an 11th generation Intel® processor. The system can be configured with up to 64 GB RAM. It supports up to two M.2 2280 SSDs configured to 960 GB each. A variety of configurable I/O options exist, including wireless LAN and an optional PCIe expansion slot.

Your advantages

- 11th generation Intel® Core™ or Celeron® processor
- Two DP++ ports
- Supports TPM 2.0 and Intel® AMT
- I/O expansion options, including PCIe x4
- Optional wireless LAN
- Supports two M.2 SSDs
- Multiple mounting options, including DIN rail, wall, and bookshelf

Commercial Data

Item number	1376797/A22/I56
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to Order (non-returnable)
Sales Key	DRB
Product Key	DRBAAA
Weight per Piece (including packing)	100 g
Weight per Piece (excluding packing)	50 g
Customs tariff number	84715000
Country of origin	TW

Technical Data

Product properties

Product type	Box PC
Computer data	
Processor	Intel® Celeron® 6305E, 1.8 GHz
	Intel® Core™ i3-1115G4E, 3 GHz (TDP_up)
	Intel® Core™ i5-1145G7E, 2.6 GHz (TDP-up)
	Intel® Core™ i7-1185G7E, 2.8 GHz (TDP-up)
Operating system	without operating system
	Windows® 10 IoT Enterprise LTSC 2021 X64
Cooling	passive
RAM	4 GB DDR4 SODIMM
	8 GB DDR4 SODIMM
	16 GB DDR4 SODIMM
	32 GB DDR4 SODIMM
	64 GB DDR4 SODIMM
Data storage system	without data storage
	60 GB, M.2 2280 SSD, M key, SATA 3
	120 GB, M.2 2280 SSD, M key, SATA 3
	240 GB, M.2 2280 SSD, M key, SATA 3
	480 GB, M.2 2280 SSD, M key, SATA 3
PCI option 1	without slot
	open PCIe slot
	configurable option
Raid system	0, 1

Display

Display type	without display
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System properties

User software	without user software
	Visu+

Functionality

Number of I/O nodes	8
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Electrical properties

Supply

Supply voltage	24 V DC
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Real-time clock

Realtime clock	Yes
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Input data

Digital

Input voltage range	0 V ... 5 V
Input voltage range "0" signal	0 V ... 0.8 V
Input voltage range "1" signal	2 V ... 5 V

Output data

Digital

Number of outputs	8
Output voltage	5 V
Maximum output current per channel	50 mA
Maximum output current per module	85 mA
Output voltage when switched off	0.7 V
Output current when switched off	10 mA (sinking)

Interfaces

Interfaces	1x COM (RS-232/422/485)
	4x USB 3.1 external
	1x USB 3.1 internal
	2x DP++
Optional interfaces	2x COM (RS-232/422/485)
	4x D-SUB 9, selectable RS-232/422/485
	4x D-SUB 9 isolated, selectable RS-232/422/485
	2x D-SUB-9 isolated RS-232 and eight DIO
	Wireless LAN
Network	2x Ethernet (10/100/1000 Mbps), RJ45
LAN chipset	Intel® I211-AT
	Intel® I225-LM

Dimensions

External dimensions

Width / Height / Depth	70 mm / 225 mm / 230 mm (without PCIe)
	109 mm / 225 mm / 230 mm (with PCIe)

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP40
	IP30 (with PCIe slot)
	IP30
Ambient temperature (operation)	-20 °C ... 50 °C (Airflow < 0.5 m/s)
	-20 °C ... 70 °C (Airflow ≥ 0.5 m/s)
Ambient temperature (storage/transport)	-40 °C ... 70 °C