

# Industrial PC - VL BPC 1001 - 2701290

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IP20-rated fanless Valueline® industrial box PC (BPC) with energy-efficient Intel® Atom™ processor and 2 GB RAM. Ready for installation of CompactFlash® card and operating system.

## Product Description

Preconfigured industrial box PC (BPC) in a compact form factor for wall or DIN rail mounting. The VL BPC 1001 includes an energy-efficient Intel® Atom™ processor, combined with 2 GB of RAM and a fanless design. The CompactFlash® slot is open and ready for installation of an operating system.

## Why buy this product

- Fanless design for industrial applications
- Energy-efficient Intel® Atom™ processor
- Wall or DIN rail mounting
- Space-saving form factor
- IP20 degree of protection
- Ambient operating temperatures from 0 °C to 50 °C

## Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4046356740661

## Technical data

### Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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### Computer data

Processor	Intel® Atom™ N455 1.66 GHz
Cooling	passive
Operating systems	without operating system
RAM	2 GB DDR3 SODIMM

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## Technical data

### Computer data

Mass storage	without mass storage
Network	2x Ethernet (10/100/1000 Mbps), RJ45
Interfaces	1x COM (RS-232/422/485)
	2x COM (RS-232)
	4x USB 2.0
Monitor output	1x VGA
Slots	without slots
Realtime clock	Yes (battery-backed)
Service life of battery	5 years (typical)

### General

Mounting type	Wall mounting
	DIN rail mounting
Weight	1.4 kg

### Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	0 °C ... 50 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Permissible humidity (operation)	5 % ... 95 %
Permissible humidity (storage/transport)	5 % ... 95 %
Vibration (operation)	DIN EN 60068-2-6
Shock	15g, 11 ms in accordance with IEC 60068-2-27

### Dimensions

External dimension, width	155 mm
External dimension, height	145 mm
External dimension, depth	49 mm
Note regarding external dimension	Wall or DIN (NS 35) rail

### Device supply

Supply voltage	24 V DC
Supply voltage range	19.2 V DC ... 28.8 V DC
Power consumption	12.48 W (typical, at 24 V)
Power supply unit	24 V DC ±20 %

### Standards and Regulations

Shock	15g, 11 ms in accordance with IEC 60068-2-27
Vibration (operation)	DIN EN 60068-2-6

### Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 15;
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

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