

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

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 740661
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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