VL3 UPC 1320 - Box PC

1433147

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CRA READY



Compact IP30-rated, fanless industrial box PC (BPC) with efficient, long-term available Intel Atom® x6211E processor with 8 GB LPDDR4 RAM and 60 GB NVMe SSD onboard storage.

Commercial data

Item number	1433147
Packing unit	25 pc
Minimum order quantity	1 pc
Sales key	DR12
Weight per piece (excluding packing)	1,060 g
Customs tariff number	84715000
Country of origin	TW

Technical data

Notes

Note on application	Only for industrial use
Note on application	As things stand now, we are preparing the product so that, as of December 11, 2027, it will comply with the requirements of the EU Cyber Resilience Act (CRA) based on the information currently available regarding the CRA.

Product properties

Product type	Box PC
Special properties	The product is being prepared for compliance with the Cyber Resilience Act (CRA)

Computer data

Processor	Intel® Atom® x6211E, Number of cores: 2 x 1.3 GHz
Trusted Platform Module	dTPM 2.0, Infineon® SLB9670 (Encryption technology not Chinese)
Operating system	without operating system
RAM	8 GB LPDDR4
Data storage system	60 GB, 3D TLC (onboard)
Cooling	passive
Raid system	without RAID system

Display

MTBF	58,969 hours at 60°C

Electrical properties

Service life of battery	5 years (typical)

Supply

Supply voltage	24 V DC 20 %
Max. current consumption	2.08 A (24 V DC)
Typical current consumption	0.58 A (24 V DC)

Real-time clock

Real-time clock	Yes (battery-backed)

Connection data

Power supply

Connection method	Push-in spring connection
Conductor cross-section, rigid	0.2 mm² ... 1.5 mm²
Conductor cross-section, flexible	0.2 mm² ... 1.5 mm²
Conductor cross-section AWG	24 ... 16
Stripping length	10 mm

Interfaces

Interfaces	2x USB 3.1 Gen. 1, Typ A
Monitor output	1x DP++ 1.4
Network	2x Ethernet (10/100/1000 Mbps), RJ45
LAN chipset	Intel® i225-IT

Dimensions

External dimensions

Width / Height / Depth	100 mm / 50 mm / 100 mm (Housing dimensions)

Material specifications

Color (Housing)	light gray (RAL 7035)
	black (RAL 9005)
Housing material	Aluminum / steel sheet DC01

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP30
Ambient temperature (operation)	-20 °C ... 60 °C (0...2000 m altitude, with 0.5 m/s air flow)
	-20 °C ... 54 °C (2001 ... 3000 m altitude, with 0.5 m/s air flow)
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Altitude	3000 m (above sea level)
Permissible humidity (operation)	10 % ... 95 % (non-condensing)
Permissible humidity (storage/transport)	10 % ... 95 % (non-condensing)
Shock	15g, 11 ms in accordance with IEC 60068-2-27
Vibration (operation)	1g, according to EN 60068-2-6

Approvals

Conformity/Approvals

Conformance	CE-compliant
UL, USA / Canada	UL 61010-1, UL 61010-2-201
	Class I, Div. 2, Groups A, B, C, D T4

Mounting

Mounting type	DIN rail mounting

Classifications

ECLASS

ECLASS-13.0	19200102
ECLASS-15.0	19200102

ETIM

ETIM 10.0	EC001413

UNSPSC

UNSPSC 21.0	43222600

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	7(a)

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(CAS: 7439-92-1)

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