

VL3 PPCS12 1320 - Panel PC



1494296

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IP66 protected VL3 panel PC with 12" PCAP touch screen, Intel Atom® x6211E processor, 8 GB RAM, 60 GB mass storage

Commercial data

Item number	1494296
Packing unit	25 pc
Minimum order quantity	1 pc
Sales key	DR12
Product key	DRBAAB
GTIN	4063151942144
Weight per piece (including packing)	5,460 g
Weight per piece (excluding packing)	4,120 g
Country of origin	TW

Technical data

Product properties

Product type	Panel PC
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Computer data

Processor	Intel Atom® x6211E 1.3 GHz
Trusted Platform Module	fTPM 2.0
Operating system	without operating system
RAM	8 GB LPDDR4
Data storage system	60 GB, 3D TLC
Cooling	passive
Raid system	without RAID system

Display

Display type	30.7 cm / 12.1"-TFT
Screen resolution	1280 x 800 Pixel(s) (WXGA)
Display formats	16:9
Touch technology	projective-capacitive (PCAP)
Display lighting type	LED
Brightness	500 cd/m ²
MTBF	50,000 hours
Color spectrum	16.7 million colors
Reading angle left	88.00 °
Reading angle right	88.00 °
Reading angle top	88.00 °
Reading angle bottom	88.00 °

Electrical properties

Service life of battery	5 years (typical)
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Supply

Supply voltage	24 V DC ±20%
Max. current consumption	2.44 A (24 V DC)

Real-time clock

Realtime clock	Yes (battery-backed)
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Connection data

Power supply

Connection method	Push-in spring connection
Conductor cross-section, rigid	0.35 mm ² ... 1.5 mm ²
Conductor cross-section, flexible	0.35 mm ² ... 1.5 mm ²
Conductor cross-section AWG	24 ... 16
Stripping length	10 mm

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Interfaces

Interfaces	2x USB 3.1 Gen. 1, Typ A
	1x COM (RS-232/422/485)
Monitor output	1x DP++ 1.4
Network	2x Ethernet (10/100/1000 Mbps), RJ45
LAN chipset	Intel® I226-IT

Dimensions

External dimensions

Width / Height / Depth	302 mm / 229 mm / 73 mm (Outside dimensions)
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Installation dimensions

Width / Height / Installation depth	292 mm / 219 mm / (Installation cutout)
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Material specifications

Material front plate	Aluminum (natural anodized)
Housing material	Sheet steel

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP66 (front (panel mount))
	IP30 (back/all around when VESA installed)
Ambient temperature (operation)	-20 °C ... 60 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Altitude	2000 m
Permissible humidity (operation)	5 % ... 95 % (non-condensing)
Permissible humidity (storage/transport)	5 % ... 95 % (non-condensing)
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	Panel cutout
	VESA holder
Holder system	VESA MIS-D 100 C

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Approvals

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IECEE CB Scheme

Approval ID: US-44890-UL



cULus Listed

Approval ID: E196811 V13S3

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Classifications

ECLASS

ECLASS-13.0	19200103
ECLASS-15.0	19200103

ETIM

ETIM 9.0	EC001414
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UNSPSC

UNSPSC 21.0	43211500
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	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(CAS: 7439-92-1)
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