

VL3 PPCS12 2430 - Panel PC

1494293

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IP66 protected VL3 panel PC with 12" PCAP touch screen, Intel Atom® x6413E processor, 16 GB RAM, 120 GB mass storage

Similar figure

Commercial data

Item number	1494293
Packing unit	25 pc
Minimum order quantity	1 pc
Sales key	DR12
Product key	DRBAAB
GTIN	4063151941284
Weight per piece (including packing)	5,460 g
Weight per piece (excluding packing)	4,120 g
Country of origin	TW

Technical data

Notes

Note on application

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.
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Product properties

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

Computer data

Processor	Intel Atom® x6413E 1.5 GHz
Trusted Platform Module	fTPM 2.0
Operating system	without operating system
RAM	16 GB LPDDR4
Data storage system	120 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 mm² ... 1.5 mm²
Conductor cross-section, flexible	0.35 mm² ... 1.5 mm²
Conductor cross-section AWG	24 ... 16
Stripping length	10 mm

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

Color (Housing)	light gray (RAL 7035)
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)
Shock	15g with 11 ms impulse
Vibration (operation)	1g, according to EN 60068-2-6

Approvals

Conformity/Approvals

Conformance	CE-compliant
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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



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 10.0	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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