

VL3 PPCS10 2430 - Panel PC



1494297

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IP66 protected VL3 panel PC with 10" PCAP touch screen, Intel Atom® x6413E processor, 16 GB RAM, 120 GB mass storage

Commercial data

Item number	1494297
Packing unit	25 pc
Minimum order quantity	1 pc
Sales key	DR12
Product key	DRBAAB
GTIN	4063151942656
Weight per piece (including packing)	4,860 g
Weight per piece (excluding packing)	3,500 g
Country of origin	TW

Technical data

Product properties

Product type	Panel PC
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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	25.7 cm / 10.1"-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	89.00 °
Reading angle right	89.00 °
Reading angle top	89.00 °
Reading angle bottom	89.00 °

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	263 mm / 200 mm / 73 mm (Outside dimensions)
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Installation dimensions

Width / Height / Installation depth	252 mm / 189 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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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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