DL PPC15M 1000 - Panel PC

2701666

https://www.phoenixcontact.com/pc/products/2701666

IP65, VESA mounted, fanless industrial PC with LED-backlit 15" LCD display and multi-touch capacitive touch screen. Energy-efficient Intel® Atom™ processor. 2 GB RAM. HDD/SDD mass storage options with choice of operating system.

Product description

The Designline PPC15 1000 is a VESA-mounted, IP65-rated industrial PC with an LED backlit 15-inch LCD touch screen. An Intel® Atom™ E680T 1.6 GHz processor provides a balance of processing power and energy effiency. The fanless design and flexible VESA mounting scheme makes the DL PPC15 1000 a product that can be used in a wide variety of applications. A configurable COM port enables connections to legacy serial devices. The DL PPC15 1000 incorporates both a modern, ergonomic design along with the ruggedized characteristics expected in an industrial computer product.

Your advantages

- Easy to maintain
- LED backlight
- Multi-touch touch screen
- Modern ergonomic design
- Energy-efficient Intel® Atom™ processor
- Intel® HD graphics 5000
- VESA mounting
- Extended temperature rating
- Configurable
- Full IP65

Commercial data

Item number	2701666
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	DRBADC
Catalog page	Page 38 (C-6-2017)
Weight per piece (including packing)	4,318 g
Weight per piece (excluding packing)	4,318 g
Customs tariff number	84715000
Country of origin	DE

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Technical data

Product properties

Product type	Panel PC

Computer data

Processor	Intel® Atom™ E680T 1.6 GHz
Operating system	without operating system
	Windows® Embedded Standard 7 (32-Bit)
	Windows® 7 Professional SP1 (32-bit), English
	Windows® 7 Professional SP1 (32-bit), German
	Windows® 7 Ultimate SP1 (32-bit), Multi-language
RAM	2 GB DDR2
Data storage system	without data storage
	SSD (SLC), 16 GB
	SSD (SLC), 32 GB
	2.5" SSD (MLC), 80 GB
	2.5" SSD (MLC), 160 GB
	2.5" HDD SATA, 320 GB
Cooling	passive
Slots	without slots
Optical drive	without drive

Display

Display type	38.1 cm / 15"-TFT
Screen resolution	1024 x 768 Pixel(s) (XGA)
Touch technology	Projective-capacitive, two-touch control
Display lighting type	LED
Brightness	400 cd/m², typical (adjustable)
MTBF	> 50000 h
Color spectrum	16.2 million colors

Electrical properties

Service life of battery	5 years (typical)

Supply

Supply voltage	24 V DC
Power supply unit	24 V DC ±20 %

Real-time clock

Realtime clock	Yes (battery-backed)

Connection data

Power supply

Connection method	COMBICON

Conductor cross section, rigid	0.2 mm² ... 2.5 mm²
Conductor cross section, flexible	0.2 mm² ... 2.5 mm²
Conductor cross section AWG	24 ... 12

Interfaces

Interfaces	1x COM (RS-232/422/485)
	5x USB 2.0
	1x Audio
Monitor output	without
Network	2x Ethernet (10/100/1000 Mbps), RJ45
LAN chipset	Intel® 82574IT

Dimensions

Width	375 mm
Height	315 mm
Depth	60 mm

External dimensions

Width / Height / Depth	375 mm / 315 mm / 60 mm

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP65
Ambient temperature (operation)	0 °C ... 45 °C (with HDD)
	-20 °C ... 55 °C (with SSD)
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Permissible humidity (operation)	5 % ... 95 % (non-condensing)
Shock	15g, 11 ms in accordance with IEC 60068-2-27
Vibration (operation)	1g, according to EN 60068-2-6

Mounting

Mounting type	VESA MIS-D

Classifications

ECLASS

ECLASS-11.0	19200103

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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(a), 6(a)-I, 6(c), 7(a), 7(c)-I

China RoHS

Environment friendly use period (EFUP)	EFUP-10
	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)