

Panel PC - DL PPC15M 7000 - 2400017

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Full IP65, VESA mounted, fanless industrial PC with LED-backlit 15-inch LCD display and multi-touch capacitive touchscreen. Powerful Intel® i7 processor and configurable RAM, mass storage and operating system options.

Product Description

The Designline PPC15M 7000 is a VESA-mounted IP65 industrial PC with an 15-in LED touch screen. Equipped with an Intel® Core™ i7-4650U processor delivering impressive performance for demanding tasks. The fanless design and flexible VESA mounting scheme makes the Designline PPC15M 7000 ideal for a wide variety of applications. A configurable COM port enables connection to legacy serial devices. The Designline PPC15M 7000 incorporates a modern, ergonomic design along with the ruggedized characteristics expected in an industrial product.

Why buy this product

- Full IP 65
- Modern ergonomic design
- Multi-touch touch screen
- Widescreen display
- Intel® HD graphics 5000
- VESA mounting
- Full IP 65
- Configurable
- Fanless design
- LED backlight
- Easy to maintain
- Powerful Intel® Core™ i7 processor
- Extended temperature rating
- Configurable



Key Commercial Data

Packing unit	1 STK
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Configuration

Mounting	without [A00]
Main memory	4 GB DDR3 SODIMM [R17]
Master Storage	150 GB SSD (MLC) [M75]
Operating system	WIN 7 PRO SP1 X86 - ENG [OS41]

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Software Option	None [S00]
Extended function	none [EF00]

Technical data

Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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Dimensions

External dimension, width	375 mm
External dimension, height	315 mm
External dimension, depth	60 mm

Display

Display	38.1 cm/15" TFT
Screen resolution	1024 x 768 Pixel(s) (XGA)
Backlighting	LED
Display backlight MTBF	> 50000 h
Touch technology	Projective-capacitive, two-touch control
Colors	16.2 million colors

Computer data

Processor	Intel® Core™ i7-4650U 3.30 GHz
Cooling	passive
Operating systems	without operating system
	Windows® 7 Professional SP1 (32-bit), German
	Windows® 7 Professional SP1 (32-bit), English
	Windows® 7 Professional SP1 (64-bit), German
	Windows® 7 Professional SP1 (64-bit), English
	Windows® 7 Ultimate SP1 (64 bit), Multi-language
	Windows® 7 Ultimate SP1 (32-bit), Multi-language
	Windows® Embedded Standard 7 SP1 (32-bit), Multi-language
	Windows® Embedded Standard 7 SP1 (64-bit), Multi-language
	Windows® 10 IoT Enterprise LTSC 2015 (32-bit), Multi-language
	Windows® 10 IoT Enterprise LTSC 2015 (64-bit), Multi-language
RAM	4 GB DDR3 SODIMM
	8 GB DDR3 SODIMM
	12 GB DDR3 SODIMM
Mass storage	without mass storage
	SSD (SLC), 4 GB
	SSD (SLC), 8 GB
	SSD (SLC), 16 GB
	SSD (SLC), 32 GB

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Technical data

Computer data

	2.5" SSD (MLC), 80 GB
	2.5" SSD (MLC), 160 GB
	2.5" HDD SATA, 320 GB
Network	2x Ethernet (10/100/1000 Mbps), RJ45
Interfaces	1x COM (RS-232/422/485)
	4x USB 2.0
	1x USB 3.0
	1x Audio
Monitor output	without
Slots	without slots
Optical drive	without drive
Realtime clock	Yes (battery-backed)
Service life of battery	5 years (typical)

General

Mounting type	VESA MIS-D, 100
Weight	4.4 kg

Ambient conditions

Degree of protection	IP65
Ambient temperature (operation)	0 °C ... 45 °C (with HDD)
	-20 °C ... 45 °C (with SSD)
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Permissible humidity (operation)	5 % ... 95 % (non-condensing)
Permissible humidity (storage/transport)	5 % ... 95 % (non-condensing)
Vibration (operation)	1g with SSD, 0.5g with HDD, according to EN 60068-2-6
Shock	15g, 11 ms in accordance with IEC 60068-2-27

Device supply

Supply voltage	24 V DC
Supply voltage range	9 V DC ... 32 V DC
Power supply unit	24 V DC ±20 %

Standards and Regulations

Shock	15g, 11 ms in accordance with IEC 60068-2-27
Vibration (operation)	1g with SSD, 0.5g with HDD, according to EN 60068-2-6

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 10;
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

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Approvals

Approvals

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UL Listed / cUL Listed / EAC / cULus Listed

Ex Approvals

Approval details

UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 238705
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cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 238705
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EAC			RU C- DE.A*08.B01708
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