

PS4700 Industrial PC (Z510)



Features:

- CPU: Atom™ Z510
- Quick & easy storage expansion
- Diskless/FANless Atom Z510
- IEC60529 IP65, UL50E Type 4x
- TFT Color LCD Display
- Power Consumption: 130W (max.)
- Stainless Steel Bezel Option Available

Performance Specifications

Models	PS4700 Z510	
Graphics Display Resolution	1024 x 768 pixels (XGA TFT active matrix)	
Display Type and Size	TFT Color LCD (15-inch) (Front Bezel Material: Stainless Steel (SUS304))	
Display Colors	16 million	
Touch Panel	Analog resistive film	
Supported OS	Windows® Embedded 2009, Windows XP Professional	
CPU	Atom™ Z510 1.1GHZ	
L2 Cache Memory	512 KB	
Main Memory	1 GB to 2 GB max. (DDR2 400 MHz) ^{*1}	
Additional File Storage	SD Card	
Video Memory	Up to 256 MB ^{*2}	
Interface	IDE	CF slot (Type-I) x1 4 GB, 8 GB, 16 GB
	Serial (COM1)	RS-232C (D-Sub 9-pin, plug)
	Ethernet (LAN1)	10/100/1000 Mbit/s (RJ-45 Modular jack)
	Ethernet (LAN2)	10/100/1000 Mbit/s (RJ-45 Modular jack)
	USB (TYPE-A)	USB 2.0 x3 ^{*3} (With Stainless Steel Bezel - USB 2.0 x 2 ^{*3})

^{*1} Unable to be added by users ^{*2} Reserved from main memory ^{*3} Maximum 1 A per connection

General Specifications

Models	PS4700 Z510
Input Voltage	DC Power Model: 24 Vdc ±25 %
Power Consumption	48 W (max.)
In-Rush Current	Typically 3 A, max. 50 A < 300 μs
Storage Temperature	-20 to +60 °C (-4 to +140 °F)
Certifications	UL508, CE (EN55011 Class A, EN61000-6-2, EN60950-1), RoHS, GOST, ATEX (Stainless Steel bezel models only), UL/c-UL, CSA C22.2 N°142, CSA C22.2N°213, ANSI/ISA 12.12.01 Electrical Equipment for use in Class I Division 2, Hazardous Locations (Marine (GL) *Noise filter are required)
Surrounding Air Temperature	0 to 50 °C (32 to 122 °F)
Ambient/Storage Humidity	10 to 85 % RH (Wet bulb temperature: 29 °C (84.2 °F) max. - no condensation)
Corrosive Gas	Free of corrosive gases
Cooling Method	Passive heat sink, Fanless operation for longer life time,
Air Pressure (altitude range)	2,000 m (6,560 ft) max
Vibration Resistance	<ul style="list-style-type: none"> • Operation (continuous) for 6 Fc products with CF Card storage device.: 2 to 9 Hz: 1.75 mm (0.07 in.) 9 to 200Hz: 4.9 m/s² • Operation (occasional) for products with CF Card storage device.: 2 to 9 Hz: 3.5 mm (0.14 in.) 9 to 200 Hz: 9.8 m/s² • Merchant Navy (continuous): 3 to 13.2 Hz: 1 mm (0.04 in.) 13.2 to 100 Hz: 6.86 m/s² • Shock Resistance (in operation): 147 m/s² for a duration of 11 ms (IEC 60068-2-27 Ea test)
Electromagnetic Compatibility (EMC)	Immunity to High Frequency Interference. Electromagnetic Emissions Class A
Ratings	Front: IEC60529 IP65, UL50E Type 4X
Weight	5.0 kg (11.0 lbs)
External Dimensions	W402 x H301 x D74.7 mm [W15.82 x H11.85 x D2.94 in.] (depth includes bezel), W402 x H301 x D68.6 mm [W15.82 x H11.85 x D2.70 in.] (depth does not include bezel)
Panel Cut-Out Dimensions	W383.5 x H282.5 mm [W15.10 x H11.12 in.]



California Proposition 65 Warning—Lead and Lead Compounds

Advertencia de la Proposición 65 de California—Plomo y compuestos de plomo

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