

PS5821W Slim Industrial PC (Enclosed Model)



Features:

- Core™ i3-4010U 1.7 GHz
- Fan-less Design
- IP66 Compliance
- Extensive Connectivity
- Multi-touch display
- Slim Versatile Design
- VESA Mounting
- Power Consumption: 60W (max.)

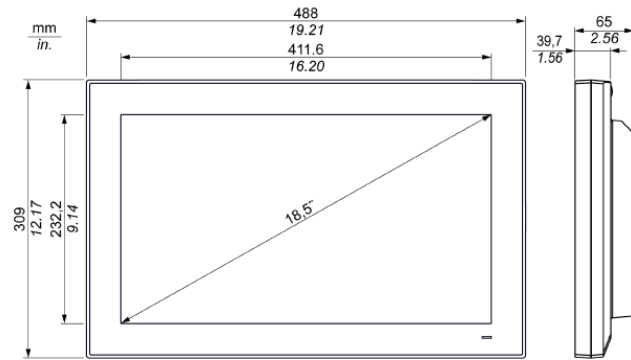
Performance Specifications

Models	PS5000 Series Build to order (See reverse side for ordering information)	
Graphics Display Resolution	FWXGA TFT (1,366 x 768 pixels)	
Display Type and Size	TFT Color LCD (18.5-inch) (Wide 16:9)	
Display Colors	16.7 Million	
Touch Panel	Multi-touch (5 point simultaneous touch) projected capacitive	
Graphics Accelerator	Intel (R) HD Graphics 4400	
Panel Resolution	4096 x 4096	
Supported OS	Windows® 7 Ultimate 64 bit MUI Windows® Embedded Standard 7 (WES7P) 64 bit MUI Windows® Embedded 8.1 Industry 64 bit MUI	
CPU	Core™ i3-4010U 1.7 GHz	
Main Memory	8GB: DDR3L 1600 MHz, SO-DIMM SDRAM	
Video Memory	Up to 1.7 GB (Shared System Memory)	
Interfaces	Serial (COM1)	RS-232C (M12 A-coding, 8-pin Plug)
	Serial ATA	HDD or SSD x1
	Ethernet (LAN1)	10/100/1000 Mbit/s (M12 A-coding, 8-pin Socket)
	Ethernet (LAN2)	10/100/1000 Mbit/s (M12 A-coding, 8-pin Socket)
	USB	USB 2.0 x 1 (M12 A-coding, 8-pin Socket)

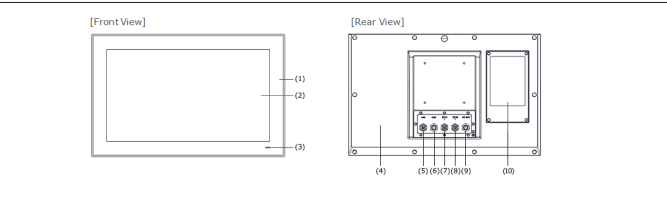
General Specifications

Models	PS5000 Series (Build to Order)
Input Voltage	DC Power Model: 24 Vdc ±20 % (M12 A-coding, 8-pin Female)
Power Consumption	35 W (Max. 60 W)
In-Rush Current	7 A
Storage Temperature	- 20 to +60 °C (- 4 to +140 °F)
Concussion Resistance	IEC60068-2-27 Ea Test
Certifications	CE (EN61000-6-4, EN61000-6-2, EN61131-2), CSA/UL60950, RCM (C-Tick), EAC (GOST-R), RoHS, REACH, CCC, KC, WEEE
Surrounding Air Temperature	When using SSD running: 0 to 50 ° [32 to 131 °] When using HDD running: 0 to 45 ° [32 to 113 °]
Ambient/Storage Humidity	10 to 95 % RH (Wet bulb temperature: 40 °C [104 °F] max. - no condensation)
Pollution Degree	For use in pollution degree 2 environment
Cooling Method	Passive heat sink
Air Pressure (altitude range)	2,000 m (6,560 ft) max
Vibration Resistance	Operation for products with SSD or CF card storage device: 5 to 500 Hz: 2 Grms Operation for products with HDD storage device: 5 to 500 Hz: 1 Grms
Electromagnetic Compatibility	Immunity to High Frequency Interference. Electromagnetic Emissions Class A
Structure	IP66 (All Around)
Weight	8.0 kg [17.63 lb]
External Dimensions	W488.0 x H309.0 x D65 mm [W19.21 x H12.17 x D2.56 in.]
Panel Cut-Out Dimensions	N/A Vesa Mounted
Warranty	Two (2) years

External Dimensions



Connector Definitions



(1) Panel (2) Multi-touch Panel (3) Status Indicator (4) Cover (5) USB 2.0 with M12 connector 8-pin female (6) RS-232 with M12 connector 8-pin male (7) ETH1 10 / 100 / 1000 base-T with M12 connector 8-pin female (8) ETH2 10 / 100 / 1000 base-T with M12 connector 8-pin female (9) DC power with M12 connector 5-pin male (10) Back cover for access HDD / SSD

Ordering Information

PS - 5821W - i3 - * * - *

Form Factor	Slim Type and Enclosed PS5000 Series
Product Generation	Second Generation
Panel PC and Modular Displays	821W: 19" Widescreen
Box PC	None (S-Panel or Enclosed Panel)
CPU	i3: Performance Core i3-4010U
Power Supply	D: 24 VDC
Memory	8G: 8GB RAM
Operating System	None WES7: Win Embedded Standard 7 Premium SP1 64bit En MUI W764: Win7 Ultimate FES SP1 64bit En MUI WE8: Windows Embedded 8.1 Industry 64 bits MUI WS1064A: Windows 10 IoT Enterprise 64bit MUI
Main Storage Device	SHD: HDD 500GB CF32: CFast 32GB HHD: HDD 1TB SSD8: SSD 128GB SSD16: SSD 160GB SSD24: SSD 240GB
Optional Interfaces	None NV: Interface - NVRAM 485X2: Interface - 2 x RS422/485 Isolated 485X4: Interface - 4 x RS422/485 232X2: Interface - 2 x RS232 Isolated 232X4: Interface - 4 x RS232 IO: Interface - 16DI / 8DO CO: Interface - 2x CanOpen CanBus PF: Interface - Profibus DP Master with NVRAM ETH: Interface - 1xEth. Gigabit IEEE1588 for IPC CL: Interface - Cellular 3G
Secondary Storage	None CF32: CFast 32GB SHD: HDD 500GB HHD: HDD 1TB SSD8: SSD 128GB SSD16: SSD 160GB SSD24: SSD 240GB
Software	None WGP: WinGP HMIS: Remote HMI Server WGPHMIS: WinGP + Remote HMI Server OPN15: BLUE Open Studio Runtime 1.5K tags OPN40: BLUE Open Studio Runtime 4K tags OPN64: BLUE Open Studio Runtime 64K tags
Extended Warranty	None (Standard) One year extended Two year extended

Optional Items

Part Number	Description
PFXZPPDSP192	Screen Protection Sheet for 19" (5pcs)
PFXZPPWG192	Gasket for W19" (1 pcs)
PFXAPPAP12P2	Installation fastner for PS5000

Pro-face America
Phone: 734.477.0600
Fax: 734.864.7347
www.profaceamerica.com

Customer Service Hotline: 800.289.9266



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Schneider Electric USA, Inc.
800 Federal Street
Andover, MA 01810 USA
888-778-2733
www.schneider-electric.us

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Schneider Electric México, S.A. de C.V.
Av. Ejercito Nacional No. 904
Col. Palmas, Polanco 11560 México, D.F.
55-5804-5000
www.schneider-electric.com.mx

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Schneider Electric Canada, Inc.
5985 McLaughlin Road
Mississauga, ON L5R 1B8 Canada
800-565-6699
www.schneider-electric.ca