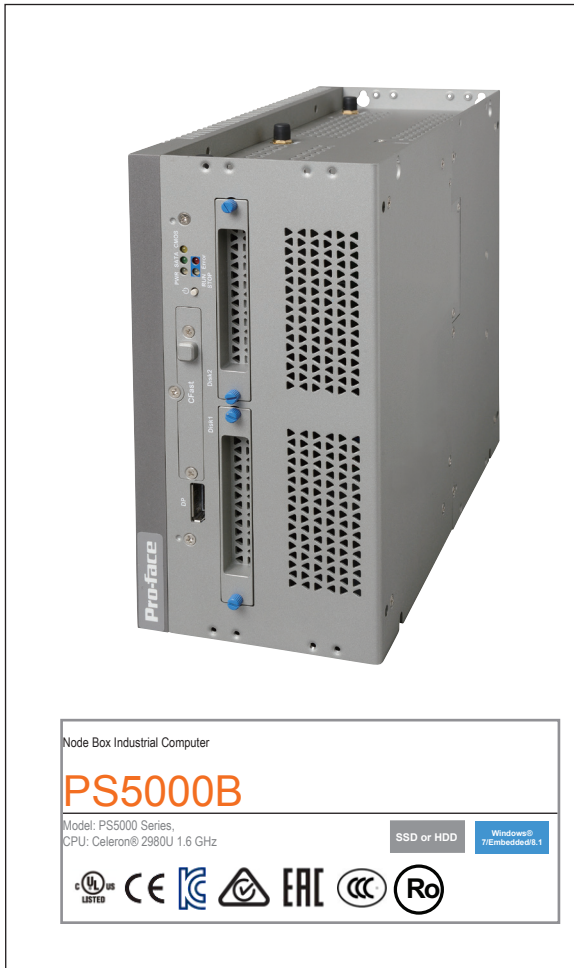


# PS5000B Box Universal Industrial PC



**Features:**

- Celeron® 2980U 1.6 Ghz
- Fan-less Design
- Extensive Connectivity
- Modular Flexible Design
- Power Consumption: Up to 40W
- Can be used with multiple screen sizes

**Performance Specifications**

Model	PS5000 Series Build to order (See reverse side for ordering information)	
Supported OS	Windows Embedded Standard 7 (WES7P) SP1 64 bits MUI, W764: Windows7 Ultimate SP1 64 bits, WE8: Windows Embedded 8.1 Industry 64 bits, WS732: WES Win7 32bit En MUI, W1064C: Windows 10 IoT Enterprise 64bit MUI (Celeron), W1064I: Windows 10 IoT Enterprise 64bit MUI (i7)	
CPU	Celeron® 2980U 1.6 Ghz	
Main Memory	8 GB, DDR3 1600 MHz, SO-DIMM SDRAM 512 KB MRAM for the user.	
Video Memory	Up to 1.7 GB, Shared system memory	
Graphics Accelerator	Intel® HD Graphics	
Interface	Serial ATA	HDD / SSD x 2 <sup>*1</sup> CFast x 1 mSATA x 1
	Serial (COM1)	RS-232C / 422 / 485 (D-Sub 9-pin, plug)
	Ethernet (LAN1)	10 / 100 / 1,000 Mbps (RJ-45 Modular jack)
	Ethernet (LAN2)	10 / 100 / 1,000 Mbps (RJ-45 Modular jack)
	USB	USB 3.0 x 2, USB 2.0 x 2 (Type A)
	Video	DisplayPort (Type A) x 2
	Expansion Slot <sup>*2</sup>	PCIe (x4) x 2 / PCI x 2 / PCI x 1 + PCIe (x4) x 1
	Mini PCIe	2x (revision 1.2)

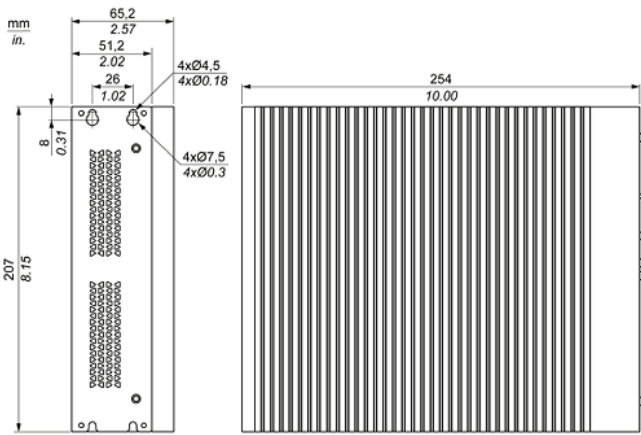
\*1 For use at 100 to 240 Vac, an optional AC/DC power adapter (PFXZPBPUAC2) that is separately sold is required \*2 2 slot model only.

**General Specifications**

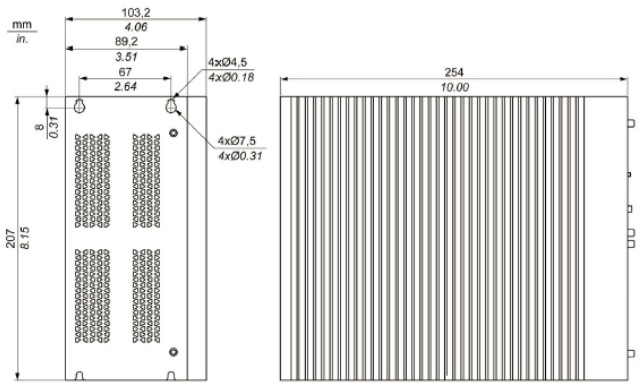
Model	PS5000 Series (Build to Order)
Certifications	CE (EN61000-6-4, EN61000-6-2, EN61131-2), CSA/UL61010, RCM (C-Tick), EAC (GOST-R), RoHS, CCC, WEEE
Input Voltage	DC Power Model: 24 Vdc ±20 % When using AC power supply unit: 100 to 240 Vac
Power Consumption	18 W (Max. 40 W)
In-Rush Current	8.9 A
Storage Temperature	-30 to 70 °C [-22 to 158 °F]
Certifications	CE (EN61000-6-4, EN61000-6-2, EN61131-2), CSA/UL61010, RCM (C-Tick), EAC (GOST-R), RoHS, REACH, CCC, KC, WEEE
Surrounding Air Temperature	When using SSD / CFast running: 0 to 55 °C [32 to 131 °F] When using HDD running: 0 to 45 °C [32 to 113 °F] When using PCI/PCIe: 0 to 45 °C [32 to 113 °F]
Ambient Humidity	10 to 95 % RH (Wet bulb temperature: 40 ° [104 °] max. - no condensation)
Storage Humidity	10 to 95 % RH (Wet bulb temperature: 40 ° [104 °] max. - no condensation)
Concussion Resistance:	IEC60068-2-27 Ea Test
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 / 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 (EMC)	Immunity to High Frequency Interference. Electromagnetic Emissions Class A
Weight	0 Slot: 3.1 kg (6.8 lbs.) 2 Slots: 3.9 kg (8.6 lbs.)
External Dimensions	0 Slot: W65.2 x H207.0 x D254.0mm [W2.57 x H8.15 x D10.00 in.] 2 Slots: W103.2 x H207.0 x D254.0mm [W4.06 x H8.15 x D10.00 in.]
Warranty	Two (2) years

**External Dimensions**

**PS5000B 0 Slot**



**PS5000B 2 Slot**



**Ordering Information**

**P S - 5 0 0 0 B - C E - \* \* - \***

<b>Panel PC and Modular Displays</b> .....	<b>000B:</b> None (Box only)
<b>Box PC</b> .....	<b>CE-8G:</b> Box PC Celeron 8GB (1xDP, 2xEth., 1xCOM, 4xUSB, MRAM)
	<b>CE-8G-1P1E-CC:</b> Box PC Celeron 8GB-RAM, 1 PCI+1 PCIe Conformal Coating (1xDP, 2xEth., 1xCOM, 4xUSB, MRAM)
	<b>CE-8G-2P:</b> Box PC Celeron 8GB-RAM, 2 PCI (1xDP, 2xEth., 1xCOM, 4xUSB, MRAM)
	<b>CE-8G-2E:</b> Box PC Celeron 8GB-RAM, 2 PCIe (1xDP, 2xEth., 1xCOM, 4xUSB, MRAM)
<b>CPU Fan Kit</b> .....	None
	<b>F:</b> CPU Fan Kit for expansion cards above 3W
<b>Power Supply</b> .....	<b>D:</b> 24 vDC
	<b>A:</b> 100 - 240 AC
<b>Operating System</b> .....	None
	<b>WEST7:</b> Windows Embedded Standard 7 (WEST7P) SP1 64 bits
	<b>W764:</b> Win7 Ultimate FES SP1 64bit En MUI
	<b>WS732:</b> WES Win7 32bit En MUI
	<b>WE8 :</b> Win8.1 Industry 64bit En MUI
	<b>W1064C:</b> Win 10 IoT Enterprise 64bit MUI (Celeron)
<b>Main Storage Device</b> .....	None
	<b>SHD:</b> HDD 500GB
	<b>HHD:</b> HDD 1TB
	<b>SSD8:</b> SSD 128GB
	<b>SSD24:</b> SSD 240GB
<b>Optional Interfaces</b> .....	None
	<b>485X2:</b> Interface - RS485 x 2 Isolated
	<b>485X4:</b> Interface - 4 x RS422/485
	<b>USBX2:</b> Interface - 2 x USB 3.0
	<b>232X2:</b> Interface - 2 x RS232 Isolated
	<b>232X4:</b> Interface - 4 x RS232
	<b>IO:</b> Interface - 16DI / 8DO
	<b>AU:</b> Interface - Audio
	<b>CL:</b> Interface - 1x GPRS/GSM
	<b>ETH:</b> Interface - Gigabit IEEE 1588 Lan
	<b>CO:</b> Interface - 2x CanOpen CanBus
	<b>PF:</b> Interface - Profibus DP Master with NVRAM
	<b>LANX2:</b> Interface - 2x PoE LAN
	<b>DVII:</b> Interface - DVI-I
	<b>VGAX2:</b> Interface - 2 x VGA
	<b>DVID:</b> Interface - DVI-D
	<b>ECAT:</b> Interface - EtherCAT
	<b>DVIDVGAX2:</b> Interface - DVI-D + 2 X VGA
<b>Secondary Storage</b>	None
	<b>CF32:</b> CFast 32GB
	<b>SHD:</b> HDD 500GB
	<b>HHD:</b> HDD 1TB
	<b>SSD8:</b> SSD 128GB
	<b>SSD24:</b> SSD 240GB
<b>Software</b> .....	None
	<b>WGP:</b> WinGP
	<b>HMIS:</b> Remote HMI Server
	<b>WGPHMIS:</b> WinGP + Remote HMI Server
	<b>OPN15:</b> BLUE Open Studio Runtime 1.5K tags
	<b>OPN32:</b> BLUE Open Studio Runtime 32K tags
	<b>OPN40:</b> BLUE Open Studio Runtime 4K tags
	<b>OPN64:</b> BLUE Open Studio Runtime 64K tags
<b>Extended Warranty</b> .....	None (2 year standard)
	One year extended
	Two year extended

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

## Avertissement concernant la Proposition 65 de Californie—Plomb et composés de plomb

**⚠ WARNING:** This product can expose you to chemicals including lead and lead compounds, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to: [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**⚠ ADVERTENCIA:** Este producto puede exponerle a químicos incluyendo plomo y compuestos de plomo, que es (son) conocido(s) por el Estado de California como causante(s) de cáncer y defectos de nacimiento u otros daños reproductivos. Para mayor información, visite : [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

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