Pro-face
for the best interface

Industrial PC
PE4000B SERIES

Just Right

PE4000B
Atom™ N270 Model

PE4000B
Atom™ N2600 Model

Highly compact IPC empowering your applications

Various interfaces for transparent production processes

Pro-face mobility solutions for remote access

Compact size and low power consumption

• SIO • DIO
• Ethernet

Check real time production data

Check battery or location

• 12-24VDC support
• Fan less design

Specification

	Atom™ N2600 Model	Atom™ N270 Model
CPU	Intel®Atom™ Dual Core N2600 1.6 GHz	Intel®Atom™ N270 1.6 GHz
Main Memory	2 GB or 4 GB (DDR3 800 MHz)	2 GB (DDR2 533 MHz)
FAN	FAN less	
Rated Input Voltage	12 to 24 Vdc ±5 %	9 to 36 Vdc ±5 %
Power Consumption	Typically 16 W	Typically 15 W
Supported OS	Windows®Embedded Standard 2009 (32bit) or Windows®Embedded Standard 7 (32bit)	Windows® Embedded Standard 2009 (32bit)
Surrounding Air Temperature	0 to 60°C [32 to 140 °F] (with air flow, speed = 0.7 m/sec.) 0 to 50°C [32 to 122 °F] (without airflow)	0 to 70°C [32 to 150 °F] (with airflow, speed=0.7m/sec) 0 to 60°C [32 to 140 °F] (without airflow)
Interface — Ethernet	10/100/1000 Mbit/s x 3	10/100/1000 Mbit/s x 1
Interface — USB	USB 2.0 x 5	USB 2.0 x 2
Interface — Serial	RS-232C x 2, RS-232C/422/485 x 4	RS-232C x 2
Interface — Video	Analog RGB x 1, HDMI x 1	Analog RGB x 1
Interface — Expansion Slot	Mini PCIe (full size) x 1	Mini PCIe (half size) x 1
Interface — Digital I/O	8 points (selectable I/O)	–
Interface — Others	Line out, Mic-in, Line in	PS2 x 1
Storage	SSD x 1	
Storage	CFast x 1	CF x 1
External Dimensions	264.5 x 68.4 x 133 mm (10.41 x 2.69 x 5.24 in.)	254.8 x 58.7 x 149.2 mm (10.03 x 2.31 x 5.88 in.)

Lineup

Strage / OS	Atom™ N2600 Model	Atom™ N270 Model
SSD (80GB) / WES7	PFXPEBBD42DNN1	–
CFast (16GB) / WES7	PFXPEBBD42CNN1	–
CFast (8GB) / WES2009	PFXPEBBD21BNN1	–
CF (8GB) / WES2009	–	PFXPEBAD21ANN1
None	PFXPEBBD40NNN1	PFXPEBAD20NNN1

Options

	Model	Product Name
Storage	PFXZPESSD81	SSD unit 80GB for PE-4000B
Storage	PFXZPESSD161	SSD unit 160GB for PE-4000B
Storage	PFXZPECF81	CF Card 8GB for PE-4000B
Storage	PFXZPECFA82	CFast Card 8GB for PE-4000B
Storage	PFXZPECFA162	CFast Card 16GB for PE-4000B
Adaptor	PFXZPEAFDR1	DIN rail Adaptor for N270
Adaptor	PFXZPEAFDR2	DIN rail Adaptor for N2600
Adaptor	PFXZPECNHDDV1	HDMI-DVI connector *1
EZ Series*2	PFXZCCEUSG1	EZ Illuminated Switch
EZ Series*2	PFXZCCEUKB1	EZ Numpad
EZ Series*2	PFXZCCEUSS1	EZ Fingerprint Recognition Unit
Maintenance	PFXZPECNDC1	DC power supply connector for N270
Maintenance	PFXZPECNDC2	DC power supply connector for N2600
Maintenance	PFXZPECNDIO1	DIO Connector

Software

Model	Product Name / Product Discription
(Web Download)	Pro-face Remote HMI — Software to operate Pro-face HMI screen on any iOS or Android device.
PFXEXRHSLS	Pro-face Remote HMI Server — The Pro-face Remote HMI Server is a Windows S/W to connect any IPC or PC with our Pro-face Remote HMI APP and operate any kind of S/W via the APP.
PFXEXSDVV**	Pro-Server EX Ver.** *3 — Software that connects a PC to most Pro-face HMIs via Ethernet for data collection and transmission.
PFXEXEDV**	GP-Pro EX Ver.** — Screen-creation software
EX-WINGP-IPC	Win GP for IPC — Runtime license on Pro-face's IPC, for using the screen data created with the screen editor GP-Pro EX.

*1 : Separately prepare a clamp to prevent the connector from being disconnected before use.   *2 : USB options can only be used together with the Win GP software.
*3 : The Pro-Server EX can only be used in Client mode in conjunction with Win GP.

⚠ WARNING

HAZARD OF OPERATOR INJURY, OR UNINTENDED EQUIPMENT DAMAGE
Before operating any of these products, be sure to read all related manuals thoroughly.
Failure to follow these instructions can result in death, serious injury or unintended equipment damage.

For detailed information, visit our website.
http://www.pro-face.com/product/ipc/pe4000b/

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