

Just Right

PE4000B
Atom™ N270 Model



PE4000B
Atom™ N2600 Model



Highly compact IPC empowering your applications

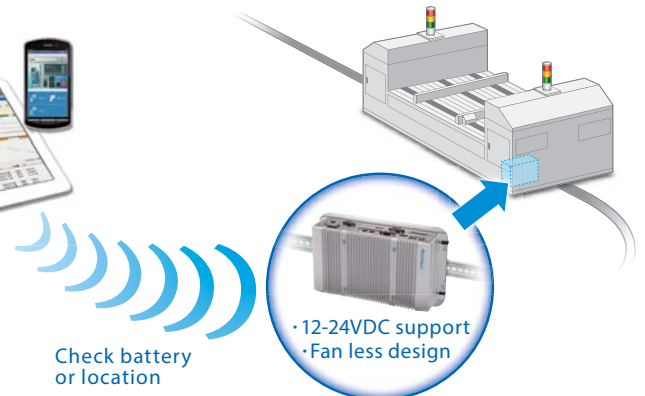
Various interfaces for transparent production processes



Pro-face mobility solutions for remote access



Compact size and low power consumption



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 |
| | USB | USB 2.0 x 5 | USB 2.0 x 2 |
| | Serial | RS-232C x 2, RS-232C/422/485 x 4 | RS-232C x 2 |
| | Video | Analog RGB x 1, HDMI x 1 | Analog RGB x 1 |
| | Expansion Slot | Mini PCIe (full size) x 1 | Mini PCIe (half size) x 1 |
| | Digital I/O | 8 points (selectable I/O) | - |
| | Others | Line out, Mic-in, Line in | PS2 x 1 |
| Storage | | SSD x 1 | |
| | | CFast x 1 | CF x 1 |
| External Dimensions | | 264.5 x 69.2 x 133 mm (10.41 x 2.72 x 5.24 in.) | 254.8 x 58.7 x 149.2 mm (10.03 x 2.31 x 5.88 in.) |

Lineup

| Storage / 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 |
| | PFXZPESSD161 | SSD unit 160GB for PE-4000B |
| | PFXZPECF81 | CF Card 8GB for PE-4000B |
| | PFXZPECF8A2 | CFast Card 8GB for PE-4000B |
| | PFXZPECF162 | CFast Card 16GB for PE-4000B |
| Adaptor | PFXZPEAFDR1 | DIN rail Adaptor for N270 |
| | PFXZPEAFDR2 | DIN rail Adaptor for N2600 |
| | PFXZPECNHDDV1 | HDMI-DVI connector*1 |
| EZ Series*2 | PFXZCCEUSG1 | EZ Illuminated Switch |
| | PFXZCCEUKB1 | EZ Numpad |
| Maintenance | PFXZPECNDC1 | DC power supply connector for N270 |
| | PFXZPECNDC2 | DC power supply connector for N2600 |
| | PFXZPECNDIO1 | DIO Connector |

Software

| Model | Product Name | Product Description |
|----------------|----------------------------|--|
| (Web Download) | Pro-face Remote HMI | Software to operate Pro-face HMI screen on any iOS or Android device. |
| | 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. |
| PFXEXRHSLs | Pro-Server EX Ver.** *3 | Software that connects a PC to most Pro-face HMIs via Ethernet for data collection and transmission. |
| PFXEXSDVV** | GP-Pro EX Ver.** | Screen-creation software |
| PFXEXEDV** | Win GP for IPC | Runtime license on Pro-face's IPC, for using the screen data created with the screen editor GP-Pro EX. |
| EX-WINGP-IPC | | |

*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/>



- For printing purposes, the colors in this catalog may differ from those of the actual unit.
- Actual user screens may differ from the screens shown here.
- Electric equipment should be installed, operated, serviced, and maintained only by qualified personnel. No responsibility is assumed by Digital for any consequences arising out of the use of this material.

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SCIGATE AUTOMATION (S) PTE LTD

No 1 Bukit Batok Street 22 #01-01 Singapore 659592
Tel: (65) 6561 0488 Fax: (65) 6561 0588
Email: sales@scigate.com.sg Web: <https://scigate.com.sg/>

Business Hours: Monday - Friday 8:30AM - 6:15PM



Visit our website for more information.

www.proface.com

Global Headquarters
Digital Electronics Corporation
[JAPAN] Tel: +81-(0)6-6208-3133

[AUSTRALIA] Tel: +61 (0)3 9550 7396
[DENMARK] Tel: +45 70 22 01 22
[GERMANY] Tel: +49 (0)212 258 260
[ITALY] Tel: +39 0362 59 96 1
[SOUTH KOREA] Tel: +82-(0)2-2630-9850
[SWITZERLAND] Tel: +41 (0)43 343 7272
[SINGAPORE] Tel: +65-6832-5533

North/South American Headquarters
Pro-face America, Inc.
[U.S.A.] Tel: +1-734-477-0600

[AUSTRIA] Tel: +43 7236 3343 620
[ENGLAND] Tel: +44 (0)2476 511288
[INDIA] Tel: +91 80 4333 3540
[POLAND] Tel: +48 22 465 66 62
[SPAIN] Tel: +34 (0)93 846 07 45
[TAIWAN] Tel: +886-(0)2-2657-1121

European Headquarters
Pro-face Europe B.V.
[THE NETHERLANDS] Tel: +31 (0)23 55 44 099

[CHINA] Tel: +86-(0)21-6361-5175
[FRANCE] Tel: +33 (0)1 60 21 22 91
[INDONESIA] Tel: +62 21 750 4496
[RUSSIA] Tel: +7 (812)336 47 06
[SWEDEN] Tel: +46 46 540 90 70
[THAILAND] Tel: +66-(0)2-617-5678