For over 40 years, Pro-face has set the standard for Human Machine Interface and Industrial Personal Computers. A global company, with a local presence, Pro-face provides global product availability, support, and service.

While we are global, it’s our local presence that makes us agile, and able to provide our customers with world class products, and industry leading support. From our state-of-the-art facility in Ann Arbor Michigan, we are able to provide local product assembly and customization, training, repair, and technical support that makes your decision to use Pro-face a wise one.

Pro-face helps manufacturers, big and small, solve their toughest factory problems and make their companies efficient, automated and profitable. As an ISO9001 certified company, Pro-face was the first company to produce a touch screen flat panel operator interface, and our hardware and software connects to more third party devices than any others in the industry. But what really sets us apart is our commitment to be a true partner with our customers.
Local Assembly
We listen to you, our customer, and custom build iPC’s to your specifications right here in our state-of-the-art facility in Ann Arbor, Michigan. All iPC’s are assembled by hand and tested by our experienced technicians, who see the products through from beginning to end.

Training
Pro-face offers hands-on training both at our corporate office and at your facility to ensure that you are comfortable utilizing the capabilities of your HMI and iPC. In addition, a large library of web based training is at your fingertips.

Repair
Should your HMI or iPC need repair or refurbishment, Pro-face America has the fastest turn around repair service in the industry with an average of just three days.

Tech Support
Pro-face offers industry leading tech support at no cost. Real time, live help to answer your questions and get your applications running and your problems solved.

Our FREE technical support website has been upgraded with services aimed at reducing development man-hours by offering FAQ, Driver Downloads, Manual downloads, Application Notes, and much more.

People
At Pro-face, it’s not only our products that are industry leading, but also our people. Whether its tech support, application engineering, customer care, or the ability to custom assemble and ship products rapidly, Pro-face provides customer service that continuously delivers.

Unparalleled Connectivity
Your Choice of Platform

HMI

GP4000 Series

The GP4000 Series offers touch screen displays with extensive simultaneous multi-protocol connectivity. The HMI to use for data sharing and data acquisition applications. Includes CF, video, Ethernet, serial and USB connectivity.

HMI + Control

LT3000 + LT4000 Series

The LT3000 operator interface family combines PLC functionality integrated with an HMI to create a cost effective, high value machine interface solution.

The LT4000M provides both HMI and digital analog control in a single unit. A unique modular style allows the display and rear module to be mounted directly (to each other) or separately (connected by a 3 or 5m cable).
Flat Panel Monitors

The PS4000 Series offers extensive connectivity, high performance, energy efficient processor options, and quick and easy storage expansion.

FP3000 Series

Pro-face Flat Panel Monitors offer a wide range of display sizes, from 10.4” to 19” TFT color with enhanced resolution that will meet the needs of your application(s). They are all extensively certified and with Pro-face Investment Protection, you can minimize product migration costs by maintaining hardware cutout compatibility as new models join our family of products.
## HMI Overview

### Standard

<table>
<thead>
<tr>
<th>Display (Resolution)</th>
<th>65,536 color TFT (800 x 600 pixels)</th>
<th>65,536 color TFT (640 x 480 pixels)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brightness Control</td>
<td>16 Level Brightness</td>
<td></td>
</tr>
<tr>
<td>Touch Panel Type</td>
<td>Analog or Matrix (Supports 2 point touch)</td>
<td></td>
</tr>
<tr>
<td>Memory</td>
<td>FEPROM 32MB (Application Memory), 320KB (Backup for HMI), 64KB (Backup for Control)</td>
<td>FEPROM 16MB (Application Memory), 320KB (Backup for HMI), 64KB (Backup for Control)</td>
</tr>
<tr>
<td>Ethernet</td>
<td>x1 (IEEE802.3i / IEEE802.3u, 10BASE-T/100BASE-TX)</td>
<td>COM x 2</td>
</tr>
<tr>
<td>SIO</td>
<td>COM x 2</td>
<td>COM x 2</td>
</tr>
<tr>
<td>SD Card Slot</td>
<td>x1</td>
<td>No</td>
</tr>
<tr>
<td>USB</td>
<td>Type-A (2.0) x 1, mini-B (2.0) x 1</td>
<td></td>
</tr>
<tr>
<td>Replaceable Battery</td>
<td>Yes</td>
<td>Contact Pro-face</td>
</tr>
</tbody>
</table>

### 12.1 inch Standard Model
- **Model:** GP-4601T / GP-4603T
- **Power Supply:** AC 100-240V / DC 24V

### 10.4 inch Standard Model
- **Model:** GP-4501T / GP-4503T
- **Power Supply:** AC 100-240V / DC 24V

### 7.5 inch Standard Model
- **Model:** GP-4401T
- **Power Supply:** DC 24V

### 5.7 inch Standard Model
- **Model:** GP4301T / GP-4303T
- **Power Supply:** DC 24V

### 3.5 inch Standard Model
- **Model:** GP-4201T / GP-4203T
- **Power Supply:** DC 24V
### W Model

<table>
<thead>
<tr>
<th>Display (Resolution)</th>
<th>Brightness Control</th>
<th>Touch Panel Type</th>
<th>Memory</th>
<th>Ethernet</th>
<th>SIO</th>
<th>SD Card Slot</th>
<th>USB</th>
<th>Replaceable Battery</th>
</tr>
</thead>
<tbody>
<tr>
<td>65,536 color TFT (640 x 600 pixels)</td>
<td>8 Level Brightness</td>
<td>Resistive Film (Analog)</td>
<td>FEPROM 16MB (Application Memory), 128KB (Backup for HMI)</td>
<td>x1 (IEEE802.3i / IEEE802.3u, 10BASE-T/100BASE-TX)</td>
<td>COM x 2</td>
<td>x1</td>
<td>Type-A (2.0) x 1, mini-B (2.0) x 1</td>
<td>Yes</td>
</tr>
<tr>
<td>65,536 color TFT (800 x 480 pixels)</td>
<td></td>
<td></td>
<td>FEPROM 8MB (Application Memory), 128KB (Backup for HMI)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>65,536 color TFT (320 x 240 pixels)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Modular

<table>
<thead>
<tr>
<th>Display (Resolution)</th>
<th>Brightness Control</th>
<th>Touch Panel Type</th>
<th>Memory</th>
<th>Ethernet</th>
<th>SIO</th>
<th>SD Card Slot</th>
<th>USB</th>
<th>Replaceable Battery</th>
</tr>
</thead>
<tbody>
<tr>
<td>65,536 color TFT (320 x 240 pixels)</td>
<td>16 Level Brightness</td>
<td>Resistive Film (Analog)</td>
<td>FEPROM 8MB (Application Memory), Equivalent to 128kb <strong>1</strong> (Backup for HMI)</td>
<td>x1 (IEEE802.3i / IEEE802.3u, 10BASE-T/100BASE-TX)</td>
<td>COM x 1</td>
<td>No</td>
<td>Type-A (2.0) x 1, mini-B (2.0) x 1</td>
<td>Contact Pro-face</td>
</tr>
<tr>
<td>Monochrome LCD (200 x 80 pixels)</td>
<td></td>
<td></td>
<td>FEPROM 2.2MB</td>
<td>x1 (IEEE802.3i / IEEE802.3u, 10BASE-T/100BASE-TX) <strong>2</strong></td>
<td>COM x 1 <strong>3</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

**1** Application Memory can provide 128KB for Data Backup. For supported features, please refer to GP-Pro EX Reference Manual.  
**2** AGP4104 only.  
**3** AGP4104 has ethernet only.
## HMI Overview

### Control

**All-In-One Operator Interface plus Control**

<table>
<thead>
<tr>
<th>Feature</th>
<th>LT3300</th>
<th>LT3200</th>
</tr>
</thead>
<tbody>
<tr>
<td>Display Resolution</td>
<td>320 x 240 pixels (QVGA)</td>
<td></td>
</tr>
<tr>
<td>Display Type</td>
<td>Monochrome Black/White LCD or TFT Color LCD</td>
<td>Monochrome Amber/Red LCD</td>
</tr>
<tr>
<td>Display Colors</td>
<td>65,536 colors (no blink) / 16,384 colors (blink)</td>
<td>8 shades</td>
</tr>
<tr>
<td>Input Voltage</td>
<td>24 VDC</td>
<td></td>
</tr>
<tr>
<td>USB</td>
<td>Type A (1.1) x 1</td>
<td></td>
</tr>
<tr>
<td>I/O Expansion</td>
<td>Mix &amp; Match any 3 EX Modules</td>
<td>Mix &amp; match any 2 EX Modules</td>
</tr>
<tr>
<td>Embedded Digital I/O</td>
<td>16 in / 16 out</td>
<td>12 in / 6 out</td>
</tr>
</tbody>
</table>

### Modular + Control

**Touchscreen Operator Interface plus Control, with 22mm mounting**

<table>
<thead>
<tr>
<th>Feature</th>
<th>LT4301 TM</th>
<th>LT4201 TM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Display Resolution</td>
<td>320 x 240 pixels (QVGA)</td>
<td></td>
</tr>
<tr>
<td>Display Type</td>
<td>TFT Color LCD</td>
<td></td>
</tr>
<tr>
<td>Display Colors</td>
<td>65,536 Colors</td>
<td></td>
</tr>
<tr>
<td>Input Voltage</td>
<td>24 VDC</td>
<td></td>
</tr>
<tr>
<td>USB</td>
<td>Type-A (2.0) x 1, mini-B (2.0) x 1</td>
<td></td>
</tr>
<tr>
<td>Embedded Analog I/O</td>
<td>4 in / 2 out</td>
<td></td>
</tr>
<tr>
<td>Embedded Digital I/O</td>
<td>12 in / 8 out or 20 in / 12 out</td>
<td></td>
</tr>
</tbody>
</table>
Handheld HMI

Touchscreen Operator Interface with 11 Function Keys and Dual Protocol Support

**Display Type**
- Monochrome LCD
- STN Color LCD
- TFT Color LCD

**Display Colors**
- Black, White (16 shades)
- 4,096 Colors
- 65,536 Colors

**Function Keys**
- 11 keys

**USB**
- Type-A (1.1) x 1

**Ethernet**
- x 1 (IEEE802.3i / IEEE802.3u, 10BASE-T / 100BASE-TX)

**CF Card Slot**
- Type II x 1

**Serial Ports**
- RS-232C / 422 / 485

**HMI Connectable Devices**

EZ Series HMI accessories easily connected by USB

**EZ Numpad**
- Switch between input & function keys

**EZ Illuminated Switch**
- 5 switches with multi-colored LEDs

**EZ Fingerprint Recognition Unit**
- HMI access by fingerprint, not password

**Switch between input & function keys**

- 5 switches with multi-colored LEDs

- Tactile Switches

- Changeable among 6 colors, 3 speed blinking

- LED Colors: Red, Green, Yellow, Blue, White, Orange

- Traceability of users & operations by HMI

**Extend screen lifetime**

- 100 users (2 records for one user)

**Gives tactile feedback to operator**

- 15 levels of security (set by HMI)

**Easy operation in harsh environments**

- Traceability of users & operations by HMI

**Connects to GP4000M, GP4000, LT4000M**

**Connects to HMI via USB cable with only a 22mm mounting hole**

**GP-Pro EX v. 3.1 or later**
## iPC Overview

### Node Box

<table>
<thead>
<tr>
<th>Slot</th>
<th>Processor Speed</th>
<th>Power Consumption</th>
<th>Ram</th>
<th>Storage Temperature</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Slot</td>
<td>Atom N270 (1.6 GHz) / Core2Duo (2.26 GHz)</td>
<td>Core2Duo: 90W (max) / Atom N270: 60W (max)</td>
<td>Atom N270: 1GB to 3GB / Core2Duo: 2GB to 8GB</td>
<td>-20 to 60° C (-4 to 140° F)</td>
</tr>
<tr>
<td>2 Slot</td>
<td>Atom N270 (1.6 GHz) / Core2Duo (2.26 GHz)</td>
<td>Core2Duo: 90W (max) / Atom N270: 60W (max)</td>
<td>Atom N270: 1GB to 3GB / Core2Duo: 2GB to 8GB</td>
<td>-20 to 60° C (-4 to 140° F)</td>
</tr>
<tr>
<td>5 Slot</td>
<td>Core2Duo (2.26 GHz)</td>
<td>Core2Duo: 90W (max) / Atom N270: 60W (max)</td>
<td>Atom N270: 1GB to 3GB / Core2Duo: 2GB to 8GB</td>
<td>-20 to 60° C (-4 to 140° F)</td>
</tr>
</tbody>
</table>

### Flat Panel Monitors

<table>
<thead>
<tr>
<th>Display</th>
<th>Display Resolution</th>
<th>Display Type</th>
<th>Display Colors</th>
<th>Display Area</th>
<th>Touch Screen</th>
<th>Touch Screen Interface</th>
<th>USB</th>
<th>USB Location</th>
<th>Video</th>
</tr>
</thead>
<tbody>
<tr>
<td>FP3900T</td>
<td>1280 x 1024 pixels (SXGA)</td>
<td>TFT Color LCD</td>
<td>16,777,216 Colors</td>
<td>376.32 x 301.06 mm</td>
<td>Resistive Film (analog)</td>
<td>RS-232C or USB (Type B, USB 2.0 compatible)</td>
<td>Type-A 2.0 (when flat panel monitor USB is connected to PC)</td>
<td>Rear or Front</td>
<td>VGA Interface (analog RGB) or DVI-D Interface Connector</td>
</tr>
<tr>
<td>FP3710T</td>
<td>1024 x 768 pixels (XGA)</td>
<td>TFT Color LCD</td>
<td>262,144 Colors</td>
<td>304.1 x 228.1 mm</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FP36x0T</td>
<td>680 x 480 pixels (VGA)</td>
<td>TFT Color LCD</td>
<td></td>
<td>245.76 x 184.32 mm</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FP3500T</td>
<td></td>
<td>TFT Color LCD</td>
<td></td>
<td>211.2 x 158.4 mm</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Mate this industrial computer with one of Pro-face’s Flat Panel Monitors for a complete industrial computing solution. The PS4000B can also be installed remotely from one of our FP3000 Series units.
## Panel PC

<table>
<thead>
<tr>
<th>Model</th>
<th>Display Area</th>
<th>Serial Port</th>
<th>USB</th>
<th>Input Voltage</th>
<th>Display Resolution</th>
<th>Processor</th>
<th>Extend Product</th>
<th>Easily Replaceable</th>
<th>Reliable Operation</th>
</tr>
</thead>
<tbody>
<tr>
<td>PS4600</td>
<td>W 245.76mm × H 184.32mm [9.68 × 7.26 in]</td>
<td>2 × 2</td>
<td>5 × 1</td>
<td>24Vdc / 100 to 240 Vac</td>
<td>1024 × 768 pixels (XGA)</td>
<td>Celeron M 827e (1.4 GHz) / Core i3 3217ue (1.6 GHz)</td>
<td>Extend Product Part Life with large heat sink &amp; intelligent fan</td>
<td>“Slide-In Slot” HDD/SSD Drive</td>
<td>Reliable Operation with a Disk-less System</td>
</tr>
<tr>
<td>PS4700</td>
<td>W 383.5 × H 282.5 mm [15.10 × 11.12 in]</td>
<td>2 × 2</td>
<td>5 × 3</td>
<td>24Vdc / 100 to 240 Vac</td>
<td></td>
<td>Atom N270 (1.6 GHz) / Core2Duo (2.26 GHz)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PS4700 (Z510)</td>
<td>W 459.5 × H 359.5 mm [18.09 × 14.15 in]</td>
<td>1 × 2</td>
<td>5 × 1</td>
<td>24Vdc / 100 to 240 Vac</td>
<td></td>
<td>Atom Z510 (1.1 GHz)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PS4800</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Atom N270 (1.6 GHz) / Core2Duo (2.26 GHz)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Specifications

- **Slot**
  - PCI x 1/PCIe x 1, PCI x 2/PCIe x 3, PCI x 1/PCIe x 4, PCI x 1
  - PCI x 0, PCI Slot x 1, PCI Slot x 2, PCI x 1/PCIe x 1
  - PCI x 0, PCI Slot x 1, PCI Slot x 2, PCI x 1/PCIe x 1

- **Ram**
  - 2GB to 8GB
  - 1GB to 3GB (Atom N270)
  - 2GB to 8GB (Core2Duo)

- **Display Type**
  - TFT Color LCD

- **Touch Screen**
  - Resistive Film (Analog)

- **Ethernet**
  - Yes

- **Display Area**
  - W 245.76mm × H 184.32mm [9.68 × 7.26 in]
  - W 383.5 × H 282.5 mm [15.10 × 11.12 in]
  - W 459.5 × H 359.5 mm [18.09 × 14.15 in]

- **Serial Port**
  - x 2
  - x 2
  - x 1
  - x 2

- **USB**
  - x 5
  - x 5
  - x 3
  - x 5

- **Input Voltage**
  - 24Vdc / 100 to 240 Vac
  - 24Vdc / 100 to 240 Vac
  - 24Vdc
  - 24Vdc / 100 to 240 Vac

- **Display Resolution**
  - 1024 × 768 pixels (XGA)

- **Stainless Bezel**
  - Yes

- **Processor**
  - Celeron M 827e (1.4 GHz) / Core i3 3217ue (1.6 GHz)
  - Atom N270 (1.6 GHz) / Core2Duo (2.26 GHz)
  - Atom Z510 (1.1 GHz)
  - Atom N270 (1.6 GHz) / Core2Duo (2.26 GHz)
Create Your HMI Application in Minutes

GP-Pro EX is the easy-to-use development software for Pro-face HMI and IPC units. With a wide array of application development tools, expanded diagnostic features and simulation capabilities, GP-Pro EX is capable of handling the most demanding HMI applications.

Set up communications
- Choose and set up PLC and third-party devices effortlessly
- System settings are logically arranged and easy to find

Design application/screens
- Drag-and-drop addressing, parts and colors
- Efficient features to reduce development time
- Create consistent look and feel using the user-defined templates

Simulate and test
- Verify before you travel
- Debug your application without hardware
- Test without downloading

Download/transfer
- Tamper-proof HMI application – password-protected project source

One development software for both dedicated and open windows-based operator interfaces.

Software Overview
HMI Screen Editor & Logic Programming Software

GP-Pro EX is the easy-to-use development software for Pro-face HMI and IPC units. With a wide array of application development tools, expanded diagnostic features and simulation capabilities, GP-Pro EX is capable of handling the most demanding HMI applications.

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One development software for both dedicated and open windows-based operator interfaces.

View over 20 GP-Pro EX technical videos on YouTube.

Download the Pro-face Software Guide on iTunes or Google Play.
Enterprise-wide data collecting, sharing, connectivity solution

- Applications
- Collect and Manage Data
- Connectivity Support

**GP-Viewer**
Monitor and Control Multiple Operator Interfaces from a Single Remote PC.

**Camera Viewer**
Record, Display and Playback Live Video of Industrial Operations on a Remote PC.

**Pass Through**
Programming and monitoring PLC via operator interface.

**Remote PC Access**
Harness the power of a PC from your dedicated HMI.

**Memory Loader**
Field maintenance and backup with data protection.

**Transfer Tool**
Easy machine maintenance and data log retrieval.

**WebServer**
View HMI information and alerts through a web browser.

**Remote HMI**
Monitor & control HMI screens from a smart phone or tablet (data input, send work instruction, etc.).

**WinGP**
Runtime software for GP-Pro EX created applications.

**FTP Server**
Upload and download data files to the operator interface over the internet.
Third-Party Driver Support

**PLC**
- Beckhoff Automation
- CoDeSys Automation Alliance
- Control Technology Corporation
- Crouzet Millenium
- CC-Link Partner Association
- Delta-TAU data system, inc.
- Digital Electronics Corporation
- Emerson Process Management
- FATEK AUTOMATION Corporation
- Fuji Electric Co.
- FANUC LTD.
- GE Intelligent
- GE Fanuc Automation
- Hitachi IES Co.
- Hitachi, Ltd.
- JTEKT Corporation
- KEYENCE Corporation
- KOYO ELECTRONICS CO.
- LS Industrial Systems
- MEI DENS HA Corporation
- Mitsubishi Electric Corporation
- Mitsubishi Heavy Industries
- MODBUS IDA
- NUPMID
- OMRON Corporation
- Panasonic Electric Works
- Rockwell Automation, Inc.
- Saia-Burgess Controls Ltd.
- Schneider Electric Industries
- Sharp Manufacturing Systems Corp.
- SICK AG
- Siemens AG
- Siemens Building Technologies
- TOSHIBA Corporation
- TOSHIBA MACHINE Co.
- YASKAWA Electric Corporation

**Inverters**
- Fuji Electric Systems Co.
- Hitachi IES Co., Ltd.
- Hitachi IES Co., Ltd.
- YASKAWA Electric Corporation
- Mitsubishi Electric Corporation

**Servos**
- Sanmei Electronics Co., Ltd.
- YASKAWA Electric Corporation

**Industrial Robots**
- DENSO WAVE INCORPORATED
- Hyundai Heavy Industries
- IAI Corporation
- Seiko Epson Corporation
- YASKAWA Electric Corporation
- Yamaha Motor Co.

**Vision Sensors**
- Banner Engineering Presence

We support Barcode scanners, 2-D Readers, and Printers from companies such as Aimex Corp., OPT Electronics, Denso Co., HHP, Cognex, Symbol, Epson, NEC, and more!

Software Updates & Drivers

**Temperature Controllers**
- Azbil Corporation (Former Yamatake)
- Fuji Electric Systems Co.
- Azbil Corporation Controller
- CHINO Corporation
- Shinko Technos Co.
- YOKOGAWA Electric Corp.
- RKC INSTRUMENT INC.
- OMRON Corporation
- RKC INSTRUMENT INC.

**Inverters**
- Fuji Electric Systems Co.
- Hitachi IES Co., Ltd.
- Hitachi IES Co., Ltd.
- YASKAWA Electric Corporation
- Mitsubishi Electric Corporation

**Servos**
- Sanmei Electronics Co., Ltd.
- YASKAWA Electric Corporation

**Industrial Robots**
- DENSO WAVE INCORPORATED
- Hyundai Heavy Industries
- IAI Corporation
- Seiko Epson Corporation
- YASKAWA Electric Corporation
- Yamaha Motor Co.

**Vision Sensors**
- Banner Engineering Presence

We support Barcode scanners, 2-D Readers, and Printers from companies such as Aimex Corp., OPT Electronics, Denso Co., HHP, Cognex, Symbol, Epson, NEC, and more!
### Language Software Menu

<table>
<thead>
<tr>
<th>Network Configuration</th>
<th>Supported Browser</th>
<th>Screen Resolution</th>
</tr>
</thead>
<tbody>
<tr>
<td>10BASE-T, 100BASE-TX</td>
<td>Windows® 2000, XP 32-bit OS, Windows Vista® 32-bit OS, Windows 7 32-bit/64-bit OS</td>
<td>SVGA 800 × 600 or better (256 colors or greater) required</td>
</tr>
<tr>
<td></td>
<td>Other</td>
<td></td>
</tr>
</tbody>
</table>

### WinGP GP-Pro EX Runtime for Pro-face Industrial PCs

<table>
<thead>
<tr>
<th>OS</th>
<th>WinGP GP-Pro EX Runtime for Pro-face Industrial PCs</th>
</tr>
</thead>
</table>

### WinGP GP-Pro EX Runtime for 3rd party Industrial PCs

<table>
<thead>
<tr>
<th>OS</th>
<th>WinGP GP-Pro EX Runtime for 3rd party Industrial PCs</th>
</tr>
</thead>
</table>

### WinGP allows the same GP-Pro EX application to run on an industrial PC. Makes PC act as an On-Demand Operator Interface.

### Remote PC Access (RPA)

<table>
<thead>
<tr>
<th>OS</th>
<th>Remote PC Access (RPA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Windows® 2000, Windows XP</td>
<td>Remote PC Access (RPA)</td>
</tr>
<tr>
<td>Other</td>
<td>Remote PC Access (RPA)</td>
</tr>
</tbody>
</table>

### Movie Converter (EX-MOVCON-LICENSE)

<table>
<thead>
<tr>
<th>OS</th>
<th>Movie Converter (EX-MOVCON-LICENSE)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Windows® 2000, Windows XP</td>
<td>Movie Converter (EX-MOVCON-LICENSE)</td>
</tr>
<tr>
<td>Other</td>
<td>Movie Converter (EX-MOVCON-LICENSE)</td>
</tr>
</tbody>
</table>

### Movie files that can be converted with the movie converter are different depending on the PCs used for conversion. Some codecs are equipped as standard in video/audio players such as Windows® Media Player. When installing the movie converter in an environment just after purchasing a PC, you can convert movie files described above to SDX. For movie files that cannot be converted to SDX, you may be able to convert these files by installing their codecs separately. (*)

*For installation and use, a license is required. Purchase the license separately.

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**Note:** The environment recommended by the OS used, or a superior environment, is required for CPU/memory. Note2) Partial restrictions available when using Windows Vista with Pro-Server EX. Check Website for details.
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- Manuals
- Sample Downloads
- Driver Downloads
- HMI Learning Center
- Application Notes
- Certifications
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