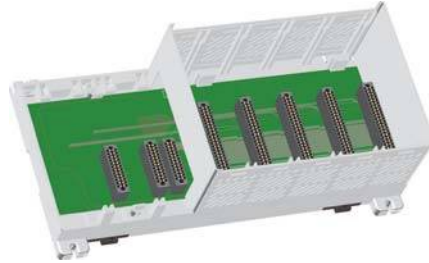


Productivity3000 Overview

Bases

Four bases are available, with 3, 5, 8, and 11 slots.



| Productivity3000 Bases | | |
|------------------------|--------------|--|
| Part Number | Description | |
| <i>P3-03B</i> | 3-slot base | |
| <i>P3-05B</i> | 5-slot base | |
| <i>P3-08B</i> | 8-slot base | |
| <i>P3-11B</i> | 11-slot base | |

Power Supplies

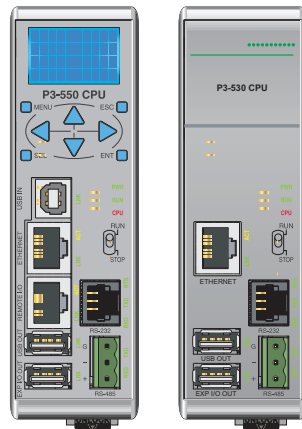
Two power supplies are available; one accepts AC input and one accepts DC input.



| Productivity3000 Power Supplies | | |
|---------------------------------|---------------------------------------|--|
| Part Number | Description | |
| <i>P3-01AC</i> | Power supply (powered from AC source) | |
| <i>P3-01DC</i> | Power supply (powered from DC source) | |

CPU Module

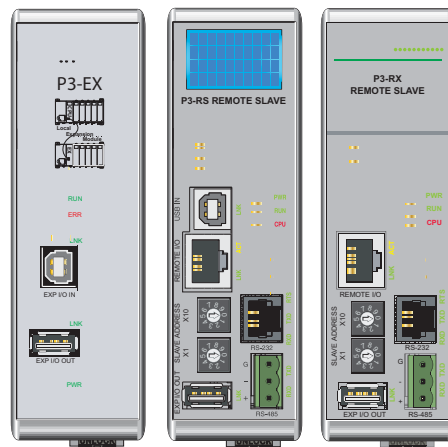
Two CPU modules are currently available.



| Productivity3000 CPU Module | | |
|-----------------------------|-------------|--|
| Part Number | Description | |
| <i>P3-550</i> | CPU module | |
| <i>P3-530</i> | CPU module | |

Expansion and Remote Slave Modules

One local expansion module and two remote slave modules are available.



| Productivity3000 Expansion, Remote Slave Modules | | |
|--|---------------------|--|
| Part Number | Description | |
| <i>P3-EX</i> | Expansion module | |
| <i>P3-RS</i> | Remote slave module | |
| <i>P3-RX</i> | Remote slave module | |

Productivity3000 Overview

Discrete I/O Modules

Seven discrete input and fourteen discrete output modules are available.



| Discrete Input Modules | | |
|------------------------|---------------------------------|--|
| Part Number | Description | |
| P3-16SIM | Input Simulator | |
| P3-08ND3S | Isolated Sinking/Sourcing Input | |
| P3-16ND3 | Sinking/Sourcing DC Input | |
| P3-32ND3 | Sinking/Sourcing Input | |
| P3-64ND3 | Sinking/Sourcing Input | |
| P3-08NAS | Isolated AC Input | |
| P3-16NA | AC Input | |

| Discrete Output Modules | | |
|-------------------------|-----------------------------------|--|
| Part Number | Description | |
| P3-08TD1S | Isolated Sinking Output | |
| P3-08TD2S | Isolated Sourcing Output | |
| P3-16TD1 | Sinking Output | |
| P3-16TD2 | Sourcing Output | |
| P3-32TD1 | Sinking Output | |
| P3-32TD2 | Sourcing Output | |
| P3-64TD1 | Sinking Output | |
| P3-64TD2 | Sourcing Output | |
| P3-08TAS | Isolated AC Out | |
| P3-16TA | AC Output | |
| P3-08TRS | Isolated Relay Output | |
| P3-08TRS-1 | Isolated Relay Output | |
| P3-16TR | Relay Output | |
| P3-16TD3P | Sinking/Sourcing Protected Output | |

Analog I/O Modules

Six analog input, seven analog output, and two analog input/output modules are available.



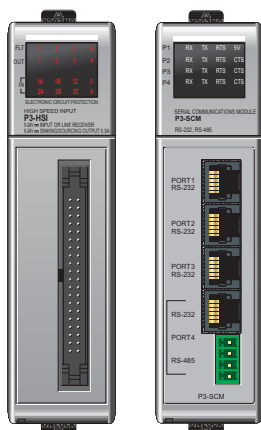
| Analog Input Modules | | |
|----------------------|-----------------------|--|
| Part Number | Description | |
| P3-04ADS | Isolated Analog Input | |
| P3-08AD | Analog Input | |
| P3-16AD-1 | Analog Current Input | |
| P3-16AD-2 | Analog Voltage Input | |
| P3-08RTD | Analog RTD Input | |
| P3-08THM | Analog Thermocouple | |

| Analog Output Modules Part | | |
|----------------------------|--------------------------------|--|
| Number | Description | |
| P3-04DA | Analog Output | |
| P3-08DA-1 | Analog Current Output | |
| P3-08DA-2 | Analog Voltage Output | |
| P3-06DAS-1 | Isolated Analog Current Output | |
| P3-06DAS-2 | Isolated Analog Voltage Output | |
| P3-16DA-1 | Analog Current Output | |
| P3-16DA-2 | Analog Voltage Output | |

| Analog Input/Output Modules | | |
|-----------------------------|---------------------|--|
| Part Number | Description | |
| P3-8AD4DA-1 | Analog Input/Output | |
| P3-8AD4DA-2 | Analog Input/Output | |

Specialty Modules

The three specialty modules available provide high-speed capabilities and additional serial communication ports.



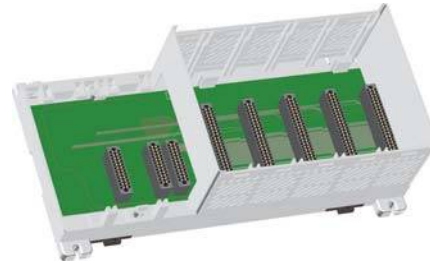
| Specialty Modules | | |
|-------------------|------------------------------|--|
| Part Number | Description | |
| P3-HSI | High-Speed Input | |
| P3-HSO | High-Speed Output | |
| P3-SCM | Serial Communications Module | |

Productivity3000 Overview

What you'll need:

Of course, what you'll need for your system depends on your particular application, but this overview shows you what you'll need for a simple system.

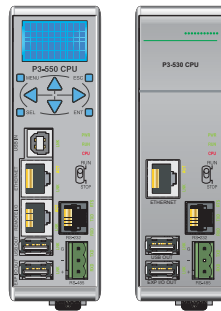
1. Select your base.



2. Select a 24 VDC or 120 VAC power supply.



3. Order a CPU module.



4. Order and install the Productivity Suite programming software in your PC.



5. Select and order your I/O modules.

At the same time, select and order your ZILink wiring system or removable terminal blocks.



6. Select your PC-to-PAC programming cable.

You will need a standard USB or Ethernet cable for programming, depending on the CPU selected and communications port (USB or Ethernet) chosen.



7. Select tools, wire, and provide power.

Screwdriver
DN-SS1



Wire Strippers
DN-WS



Hookup Wire



Programming Software

P3-PGMSW

Free online download!

Productivity Suite is user-friendly programming software designed to allow quick and easy programming of ladder logic programs for the Productivity3000 PAC.

The online help file provides information that will help you get acquainted with the software quickly.

PC Requirements

Productivity Suite programming software works with Windows® XP (Home or Professional), Vista (Home, Basic, Premium, 32 or 64-bit) or Windows 7 (Home, Professional, Ultimate, 32 or 64-bit). These are the minimum system requirements:

- Windows XP Personal Computer with a 333 MHz or higher processor (CPU) clock speed recommended; Intel Pentium/Celeron family or AMD K6/Athlon/Duron family, or compatible processor recommended
- Vista or Windows 7 Personal Computer with a 800 MHz or higher processor (CPU) clock speed recommended; Intel Pentium/Celeron family or AMD K6/Athlon/Duron family, or compatible processor recommended
- SVGA 800x600 pixels resolution (1024x768 pixels resolution recommended)
- 300MB free hard-disk space
- Windows XP; 128MB free RAM (512MB recommended)
- Vista or Windows 7; 512MB free RAM (1GB recommended).
- USB or Ethernet port for project transfer to PAC

Programming Cable

You will need a standard USB or Ethernet cable for programming, depending on the type of CPU and whether you use the USB (P3-550) or Ethernet (P3-530 and P3-550) programming port.

If possible, we recommend using a USB programming cable; just plug it in and it works. We sell these A-to-B USB cables:

- USB-CBL-AB3 (3 ft.)
- USB-CBL-AB6 (6 ft.)
- USB-CBL-AB10 (10 ft.)
- USB-CBL-AB15 (15 ft.)



Main window

The Main Window is displayed when the program opens. It is divided into Menus, Toolbars, and Windows that work together to make project development as simple as possible.

