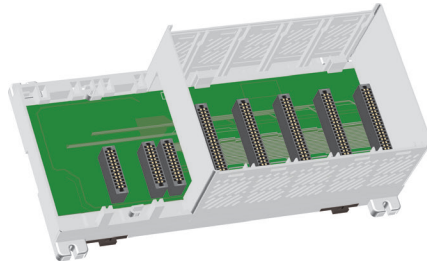


Productivity3000 Overview

Bases

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



Productivity3000 Bases		
Part Number	Description	Price
P3-03B	3-slot base	
P3-05B	5-slot base	
P3-08B	8-slot base	
P3-11B	11-slot base	

Power Supplies

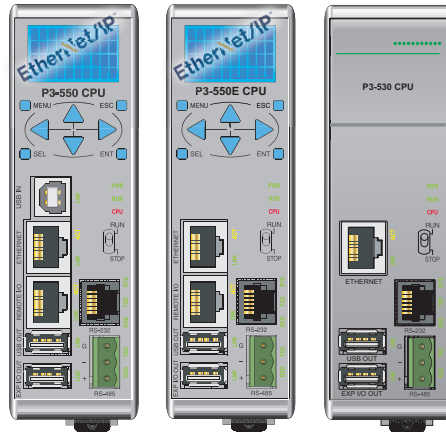
Two power supplies are available; one accepts 100–240 VAC input and one accepts 24–48 VDC input.



Productivity3000 Power Supplies		
Part Number	Description	Price
P3-01AC	Power supply (100–240 VAC)	
P3-01DC	Power supply (24–48 VDC)	

CPU Modules

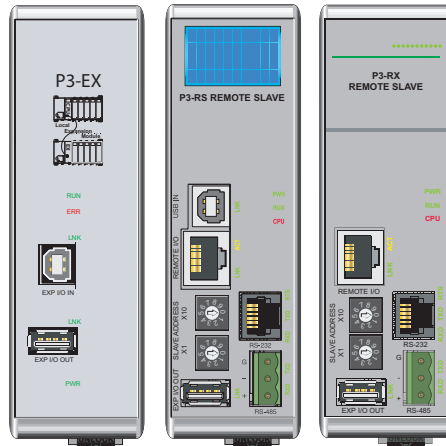
Three CPU modules are currently available.



Productivity3000 CPU Modules		
Part Number	Description	Price
P3-550	CPU module	
P3-550E	CPU module	
P3-530	CPU module	

Expansion and Remote Slave Modules

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

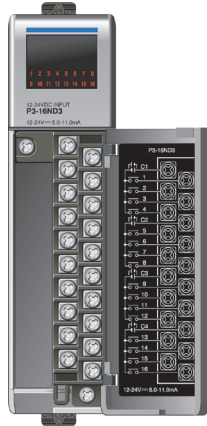


Productivity3000 Expansion, Remote Slave Modules		
Part Number	Description	Price
P3-EX	Expansion module	
P3-RS	Remote slave module	
P3-RX	Remote slave module	

Productivity3000 Overview

Discrete I/O Modules

Seven discrete input and fourteen discrete output modules are available.

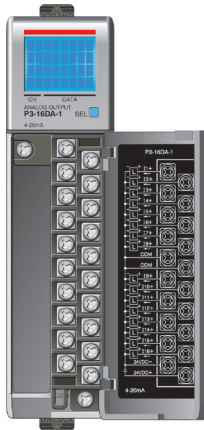


Discrete Input Modules		
Part Number	Description	Price
P3-16SIM	Input Simulator	
P3-08ND3S	Isolated Sinking / Sourcing Input	
P3-16ND3	Sinking/Sourcing Input	
P3-32ND3	Sinking/Sourcing Input	
P3-64ND3	Sinking/Sourcing Input	
P3-08NAS	Isolated AC Input	
P3-16NA	AC input	

Discrete Output Modules		
Part Number	Description	Price
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.



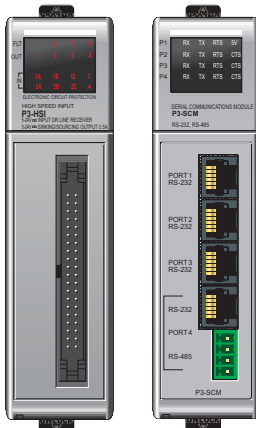
Analog Input Modules		
Part Number	Description	Price
P3-04ADS	Isolated Analog Input	
P3-08AD	Analog Input	
P3-16AD-1	Analog Current Input	
P3-16AD-2	Analog Voltage Input	
P3-08RTD	Analog RTD Input	
P3-08THM	Analog Thermocouple	

Analog Output Modules		
Part Number	Description	Price
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	Price
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.



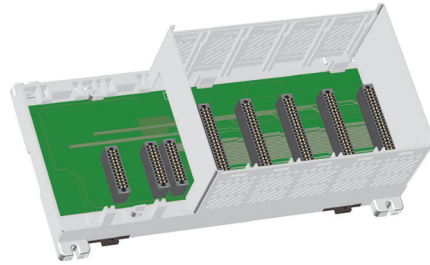
Specialty Modules		
Part Number	Description	Price
P3-HSI	High-Speed Input	
P3-HSO	High-Speed Output	
P3-SCM	Serial Communications Module	

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 24–48 VDC or 100–240 VAC power supply.



3. Order a CPU module.

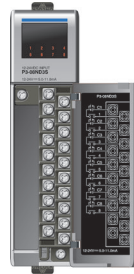


4. Download (Free!) or order CD and install the Productivity Suite programming software in your PC.



5. Select and order your I/O modules.

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



6. Select your PC-to-CPU 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



Wire Strippers



Hookup Wire



Programming Software

PG-PGMSW * FREE *

Free online download!

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

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

PC Requirements

Productivity Suite programming software works with Vista (Home, Basic, Premium, 32 or 64-bit), Windows 7 (Home, Professional, Ultimate, 32 or 64-bit), Windows 8, 8.1 & Windows 10. These are the minimum system requirements:

- Vista or Windows 7 & higher Personal Computers with a Windows 8, 8.1 & Windows 10. Personal Computer with a (Windows Vista) 800 MHz or (Windows 7 & higher) 1 GHz or higher processor (CPU) clock speed recommended; Intel Pentium/Celeron family or AMD K6/Athlon/Duron family, or compatible processor recommended
- SVGA 1024x768 pixels resolution (1280x1024 pixels resolution recommended)
- 300MB free hard-disk space
- RAM: Vista or Windows 7 & higher with GUI version 2.0.0.x or higher
RAM = 2GB memory (4GB recommended)
**GUI Version 1.10 or lower
RAM = 512MB free RAM (1GB recommended).
- CD-ROM or DVD drive for installing software from the CD
- USB or Ethernet port for project transfer to CPU

Programming Cable

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

We recommend using a USB programming cable (P3-550 only); just plug it in and it works. We sell A-to-B USB cables in various lengths:

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

Or where possible use an Ethernet Cable.



Main window

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

A screenshot of the Pro Productivity Suite Programming Software interface. The window is titled 'Pro Productivity Suite Programming Software' and has a menu bar with 'File', 'Edit', 'Setup', 'PAC', 'Tools', 'Window', and 'Help'. Below the menu bar is a toolbar with icons for 'Offline', 'Online', 'Choose PAC', 'Run', 'Stop', and 'Debug'. The main area is divided into several panels: 'Application Tools' on the left with a tree view for 'Setup', 'Write Program', and 'Monitor & Debug'; 'Task Management' below it with a list of tasks; 'New Task' in the center showing a ladder logic diagram with rungs and nodes; 'Instructions' on the right with a list of contact and coil instructions; and 'Contacts' and 'Coils' on the far right with lists of available instructions. Arrows point from labels to specific parts of the interface: 'Application Tool Panel' points to the toolbar, 'Task Management Panel' points to the task list, 'Ladder Editor Window' points to the central diagram, and 'Instruction Panel Window' points to the right-hand panels.