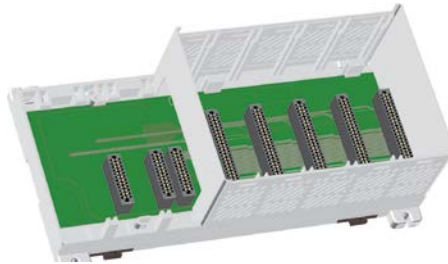


# Productivity3000® Overview

## Bases

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



### Productivity3000 Bases

| Part Number   | Description  | Price    |
|---------------|--------------|----------|
| <b>P3-03B</b> | 3-slot base  | \$200.00 |
| <b>P3-05B</b> | 5-slot base  | \$231.00 |
| <b>P3-08B</b> | 8-slot base  | \$288.00 |
| <b>P3-11B</b> | 11-slot base | \$344.00 |

## Power Supplies

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

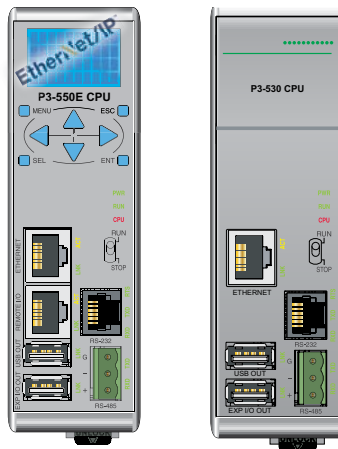


### Productivity3000 Power Supplies

| Part Number    | Description                | Price    |
|----------------|----------------------------|----------|
| <b>P3-01AC</b> | Power supply (100–240 VAC) | \$227.00 |
| <b>P3-01DC</b> | Power supply (24–48 VDC)   | \$237.00 |

## CPU Modules

Three CPU modules are currently available.

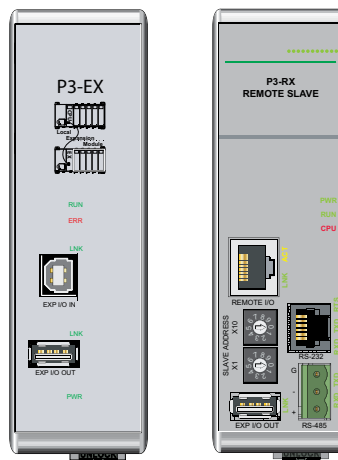


### Productivity3000 CPU Modules

| Part Number    | Description | Price    |
|----------------|-------------|----------|
| <b>P3-550E</b> | CPU module  | \$750.00 |
| <b>P3-530</b>  | CPU module  | \$735.00 |

## Expansion and Remote Slave Modules

One local expansion module and one remote slave module is available.



### Productivity3000 Expansion, Remote Slave Modules

| Part Number  | Description         | Price    |
|--------------|---------------------|----------|
| <b>P3-EX</b> | Expansion module    | \$125.00 |
| <b>P3-RX</b> | Remote slave module | \$499.00 |

# Productivity3000® Overview

## Discrete I/O Modules

Seven discrete input and fourteen discrete output modules are available.



| Discrete Input Modules |                                   |          |
|------------------------|-----------------------------------|----------|
| Part Number            | Description                       | Price    |
| <b>P3-16SIM</b>        | Input Simulator                   | \$197.00 |
| <b>P3-08ND3S</b>       | Isolated Sinking / Sourcing Input | \$99.00  |
| <b>P3-16ND3</b>        | Sinking/Sourcing Input            | \$152.00 |
| <b>P3-32ND3</b>        | Sinking/Sourcing Input            | \$208.00 |
| <b>P3-64ND3</b>        | Sinking/Sourcing Input            | \$260.00 |
| <b>P3-08NAS</b>        | Isolated AC Input                 | \$126.00 |
| <b>P3-16NA</b>         | AC input                          | \$159.00 |

| Discrete Output Modules |                          |          |
|-------------------------|--------------------------|----------|
| Part Number             | Description              | Price    |
| <b>P3-08TD1S</b>        | Isolated Sinking Output  | \$135.00 |
| <b>P3-08TD2S</b>        | Isolated Sourcing Output | \$141.00 |
| <b>P3-16TD1</b>         | Sinking Output           | \$162.00 |
| <b>P3-16TD2</b>         | Sourcing Output          | \$167.00 |
| <b>P3-32TD1</b>         | Sinking Output           | \$208.00 |
| <b>P3-32TD2</b>         | Sourcing Output          | \$208.00 |
| <b>P3-64TD1</b>         | Sinking Output           | \$280.00 |
| <b>P3-64TD2</b>         | Sourcing Output          | \$265.00 |
| <b>P3-08TAS</b>         | Isolated AC Out          | \$177.00 |
| <b>P3-16TA</b>          | AC Output                | \$210.00 |
| <b>P3-08TRS</b>         | Isolated Relay Output    | \$159.00 |
| <b>P3-08TRS-1</b>       | Isolated Relay Output    | \$194.00 |
| <b>P3-16TR</b>          | Relay Output             | \$177.00 |

## Analog I/O Modules

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



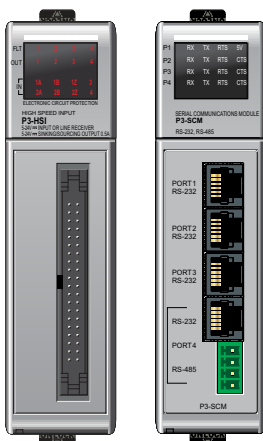
| Analog Input Modules |                       |          |
|----------------------|-----------------------|----------|
| Part Number          | Description           | Price    |
| <b>P3-04ADS</b>      | Isolated Analog Input | \$724.00 |
| <b>P3-08AD</b>       | Analog Input          | \$393.00 |
| <b>P3-16AD-1</b>     | Analog Current Input  | \$535.00 |
| <b>P3-16AD-2</b>     | Analog Voltage Input  | \$524.00 |
| <b>P3-08RTD</b>      | Analog RTD Input      | \$581.00 |
| <b>P3-08THM</b>      | Analog Thermocouple   | \$736.00 |

| Analog Output Modules |                       |          |
|-----------------------|-----------------------|----------|
| Part Number           | Description           | Price    |
| <b>P3-04DA</b>        | Analog Output         | \$449.00 |
| <b>P3-08DA-1</b>      | Analog Current Output | \$779.00 |
| <b>P3-08DA-2</b>      | Analog Voltage Output | \$725.00 |
| <b>P3-16DA-1</b>      | Analog Current Output | \$929.00 |
| <b>P3-16DA-2</b>      | Analog Voltage Output | \$911.00 |

| Analog Input/Output Modules |                     |          |
|-----------------------------|---------------------|----------|
| Part Number                 | Description         | Price    |
| <b>P3-8AD4DA-1</b>          | Analog Input/Output | \$598.00 |
| <b>P3-8AD4DA-2</b>          | Analog Input/Output | \$617.00 |

## Specialty Modules

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



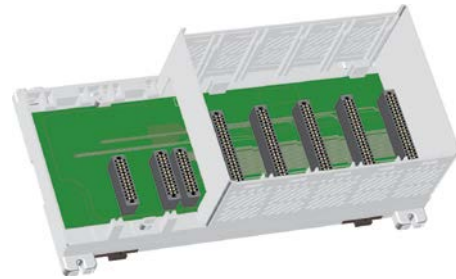
| Specialty Modules |                              |          |
|-------------------|------------------------------|----------|
| Part Number       | Description                  | Price    |
| <b>P3-HSI</b>     | High-Speed Pulse Input       | \$563.00 |
| <b>P3-HSO</b>     | High-Speed Output            | \$587.00 |
| <b>P3-SCM</b>     | Serial Communications Module | \$475.00 |

# Productivity3000® Overview

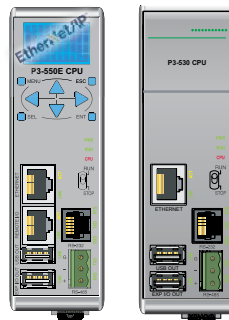
## What you'll need:

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 a USB thumb drive 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  
TW-SD-VSL-1



Wire Strippers  
DN-WS



Hookup Wire



# Programming Software

## PG-PGMSW \* FREE \* (\$495 value)

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

For Productivity Suite software and hardware system requirements please visit our web site for the minimum system requirements: <https://support.automationdirect.com/downloads.html>

## Programming Cable

You will need a standard Ethernet cable for programming P3-53Q and P3-550E using programming port. Use an Ethernet Cable:

- CAT5E STP (3ft to 50ft lengths available at [www.automationdirect.com](http://www.automationdirect.com))

These USB programming cables are available if required. 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)



### 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.

