

PLC & PC Control		
Productivity Pro 2000		
Product Code	Productivity2000 Controller CPU and Expansion Modules	Aust\$
P2-550	Productivity2000 CPU module, 50 Mbyte user memory, real time clock/calendar, 4 x 10 character OLED display, RS-232 (RJ12) port with Modbus RTU Master/Slave and ASCII In/out protocol(s) at up to 115.2 kbaud, RS-485 (3-wire terminal block) port with Modbus RTU Master/Slave and ASCII In/out protocol(s) at up to 115.2 kbaud rate, Ethernet (RJ45) port with EtherNet/IP Scanner/Adapters, Modbus TCP, programming and monitoring protocol(s) at 10/100 Mbps, Ethernet (RJ45) port with GS Drives via GS-EDRV100 protocol(s) at 10/100 Mbps, microB-USB port with programming and monitoring protocol(s), microSD card slot for program transfer and data logging	\$495
P2-RS	Productivity2000 remote I/O expansion module, 4 x 10 character OLED display, RS-232 (RJ12) port with Modbus RTU Master/Slave and ASCII In/out protocol(s) at up to 115.2k baud, RS-485 (3-wire terminal block) port with Modbus RTU Master/Slave and ASCII In/out protocol(s) at up to 115.2k baud, Ethernet (RJ45) port with remote I/O at 10/100 Mbps, microB-USB port with programming and monitoring protocol(s). Installs in the CPU slot of each remote base.	\$395
Product Code	Productivity2000 Controller I/O Bases and Power Supply	Aust\$
P2-04B	Productivity2000 I/O base, 4-slot, DIN rail or flush mounting. Holds power supply, CPU and 4 I/O modules; P2-01AC power supply required.	\$150
P2-07B	Productivity2000 I/O base, 7-slot, DIN rail or flush mounting. Holds power supply, CPU and 7 I/O modules; P2-01AC power supply required.	\$190
P2-11B	Productivity2000 I/O base, 11-slot, DIN rail or flush mounting. Holds power supply, CPU and 11 I/O modules; P2-01AC power supply required.	\$240
P2-15B	Productivity2000 I/O base, 15-slot, DIN rail or flush mounting. Holds power supply, CPU and 15 I/O modules; P2-01AC power supply required.	\$290
P2-01AC	Productivity2000 base power supply, 100-240 VAC. One power supply required per base.	\$139
P2-01DCAC	Productivity2000 base power supply, 12 - 24 VDC / 24 VAC input. One power supply required per base.	\$155
Product Code	Productivity2000 Controller DC I/O Modules	Aust\$
P2-08NE3	Productivity2000 discrete input module, 8-point, 24 VAC/VDC, sinking/sourcing, 2 common(s), isolated, 4 point(s) per common. Requires removable terminal block (sold separately, P2-RTB or P2-RTB-1); optional ZIPLink connector modules and pre-wired cables are available.	\$80
P2-16NE3	Productivity2000 discrete input module, 16-point, 24 VAC/VDC, sinking/sourcing, 2 common(s), isolated, 8 point(s) per common. Requires removable terminal block (sold separately, P2-RTB or P2-RTB-1); optional ZIPLink connector modules and pre-wired cables are available.	\$130
P2-08ND3-1	Productivity2000 discrete input module, 8-point, 12-24 VDC, sinking/sourcing, 2 isolated common(s), 4 point(s) per common. Requires P2-RTB or P2-RTB-1 removable terminal block or ZIPLink pre-wired cables.	\$121
P2-16ND3-1	Productivity2000 discrete input module, 16-point, 12-24 VDC, sinking/sourcing, 2 isolated common(s), 8 point(s) per common. Requires P2-RTB or P2-RTB-1 removable terminal block or ZIPLink pre-wired cables.	\$167
P2-32ND3-1	Productivity2000 discrete input module, 32-point, 12-24 VDC, sinking/sourcing, 4 isolated common(s), 8 point(s) per common. Requires ZIPLink connector modules and pre-wired cables.	\$239
P2-32NE3	Productivity2000 discrete input module, 32-point, 20.4 - 27.6 VAC/DC, sinking/sourcing, 4 isolated common(s), 8 point(s) per common. ZIPLink connector module and pre-wired cable required, purchase separately.	\$185
P2-08TD1P	Productivity2000 discrete output module, 8-point, 12-24 VDC, sinking, 1 common(s), 8 point(s) per common, 0.25A per point. Requires removable terminal block (sold separately, P2-RTB or P2-RTB-1); optional ZIPLink connector modules and pre-wired cables are available.	\$85

P2-08TD2P	Productivity2000 discrete output module, 8-point, 12-24 VDC, sourcing, 1 common(s), 8 point(s) per common, 0.25A per point. Requires removable terminal block (sold separately, P2-RTB or P2-RTB-1); optional ZIPLink connector modules and pre-wired cables are available.	\$85
P2-08TD1S	Productivity2000 discrete output module, 8-point, 3.3-24 VDC, sinking, 2 isolated common(s), 4 point(s) per common, 2A/point. Requires P2-RTB or P2-RTB-1 removable terminal block or ZIPLink pre-wired cables.	\$90
P2-08TD2S	Productivity2000 discrete output module, 8-point, 12-24 VDC, sourcing, 2 isolated common(s), 4 point(s) per common, 2A/point. Requires P2-RTB or P2-RTB-1 removable terminal block or ZIPLink pre-wired cables.	\$90
P2-15TD1	Productivity2000 discrete output module, 15-point, 3.3-24 VDC, sinking, 2 common(s), 8 point(s) per common, 1A/point. Requires P2-RTB or P2-RTB-1 removable terminal block or ZIPLink pre-wired cables.	\$110
P2-15TD2	Productivity2000 discrete output module, 15-point, 12-24 VDC, sourcing, 1 common(s), 15 point(s) per common, 1A/point. Requires P2-RTB or P2-RTB-1 removable terminal block or ZIPLink pre-wired cables.	\$150
P2-16TD1P	Productivity2000 discrete output module, 16-point, 12-24 VDC, sinking, 1 common(s), 16 point(s) per common, 0.25A per point. Requires removable terminal block (sold separately, P2-RTB or P2-RTB-1); optional ZIPLink connector modules and pre-wired cables are available.	\$140
P2-16TD2P	Productivity2000 discrete output module, 16-point, 12-24 VDC, sourcing, 1 common(s), 16 point(s) per common, 0.25A per point. Requires removable terminal block (sold separately, P2-RTB or P2-RTB-1); optional ZIPLink connector modules and pre-wired cables are available.	\$160
P2-32TD1P	Productivity2000 discrete output module, 32-point, 12-24 VDC, sinking, 4 common(s), 8 point(s) per common, 0.1A/point, short circuit and overload protection. Requires ZIPLink connector modules and pre-wired cables.	\$190
P2-32TD2P	Productivity2000 discrete output module, 32-point, 24 VDC, sourcing, 4 common(s), 8 point(s) per common, 0.1A/point, short circuit and overload protection. Requires ZIPLink connector modules and pre-wired cables.	\$225
P2-16TR	Productivity2000 relay output module, 16-point, 6.25 - 24 VDC, 6 - 240 VAC, FORM A (SPST), 2 common(s), 8 point(s) per common, 1A / point, 8A / common @ 60 deg C for both VAC and VDC per point, FORM A (SPST), external fusing 8A max (user supplied). Requires removable terminal block (sold separately, P2-RTB or P2-RTB-1); optional ZIPLink connector modules and pre-wired cables are available.	\$180
Product Code	Productivity2000 Controller AC I/O Modules	Aust\$
P2-08NAS	Productivity2000 discrete input module, 8-point, 120 VAC, 8 isolated common(s), 1 point(s) per common. Requires P2-RTB or P2-RTB-1 removable terminal block or ZIPLink pre-wired cables.	\$150
P2-16NA	Productivity2000 discrete input module, 16-point, 100-240 VAC, 2 common(s), jumper selectable isolation, 8 point(s) per common. Requires removable terminal block (sold separately, P2-RTB or P2-RTB-1); optional ZIPLink connector modules and pre-wired cables are available.	\$190
P2-08TAS	Productivity2000 discrete output module, 8-point, 120 VAC, 8 isolated common(s), 1 point(s) per common, 1A/point. Requires P2-RTB or P2-RTB-1 removable terminal block or ZIPLink pre-wired cables.	\$205
P2-16TA	Productivity2000 discrete output module, 16-point, 100-240 VAC, 2 common(s), jumper selectable isolation, 8 point(s) per common, 0.5A / point, 4A / common external fusing 6.3A max (user supplied). Requires removable terminal block (sold separately, P2-RTB or P2-RTB-1); optional ZIPLink connector modules and pre-wired cables are available.	\$240
P2-08TRS	Productivity2000 relay output module, 8-point, 6.25 - 24 VDC, 6-120 VAC, (6) FORM A (SPST) relays, (2) FORM C (SPDT) relays, 8 common(s), isolated, 1 point(s) per common, 4A / point @ 60 deg C for VAC and VDC, 2A / point if used w/ ZIPLink cable per point, external fusing 6.3A max (user supplied). Requires removable terminal block (sold separately, P2-RTB or P2-RTB-1); optional ZIPLink connector modules and pre-wired cables are available.	\$99

Product Code	Productivity2000 Controller Analog I/O Modules	Aust\$
P2-04AD	Productivity2000 analog input module, 4-channel, voltage or current, 16-bit, +/- 5 VDC, +/- 10 VDC, 0-5 VDC, 0-10 VDC, 0-20 mA, external 24 VDC required. Requires removable terminal block (sold separately, P2-RTB or P2-RTB-1); optional ZIPLink connector modules and pre-wired cables are available.	\$340
P2-08AD-1	Productivity2000 analog input module, 8-channel, current, 16-bit, 0-20 mA, external 24 VDC required. Requires removable terminal block (sold separately, P2-RTB or P2-RTB-1); optional ZIPLink connector modules and pre-wired cables are available.	\$350
P2-08ADL-1	Productivity2000 analog input module, 8-channel, 13-bit resolution, input current signal range(s) of 0 - 20 mA, external 24 VDC required. Requires removable terminal block (sold separately, P2-RTB or P2-RTB-1). Optional ZIPLink connector modules and pre-wired cables are available.	\$270
P2-08AD-2	Productivity2000 analog input module, 8-channel, voltage, 16-bit, 0-10 VDC, external 24 VDC required. Requires removable terminal block (sold separately, P2-RTB or P2-RTB-1); optional ZIPLink connector modules and pre-wired cables are available.	\$375
P2-08ADL-2	Productivity2000 analog input module, 8-channel, 13-bit resolution, input voltage signal range(s) of 0 - 10 VDC, external 24 VDC required. Requires removable terminal block (sold separately, P2-RTB or P2-RTB-1). Optional ZIPLink connector modules and pre-wired cables are available.	\$295
P2-16AD-1	Productivity2000 analog input module, 16-channel, current, 16-bit, 0-20 mA, external 24 VDC required. No terminal block sold for this module; ZIPLink connector module (ZL-RTB20) and pre-wired cable (ZI-P2-CBL24-x, x=blank 0.5m, 1=1m, 2=2m length) required, purchase separately.	\$425
P2-16ADL-1	Productivity2000 analog input module, 16-channel, 13-bit resolution, input current signal range(s) of 0 - 20 mA, external 24 VDC required. No terminal block sold for this module; ZIPLink connector module (ZL-RTB20) and pre-wired cable (ZI-P2-CBL24-x, x=blank 0.5m, 1=1m, 2=2m length) required, purchase separately.	\$340
P2-16AD-2	Productivity2000 analog input module, 16-channel, voltage, 16-bit, 0-10 VDC, external 24 VDC required. No terminal block sold for this module; ZIPLink connector module (ZL-RTB20) and pre-wired cable (ZI-P2-CBL24-x, x=blank 0.5m, 1=1m, 2=2m length) required, purchase separately.	\$475
P2-16ADL-2	Productivity2000 analog input module, 16-channel, 13-bit resolution, input voltage signal range(s) of 0 - 10 VDC, external 24 VDC required. No terminal block sold for this module; ZIPLink connector module (ZL-RTB20) and pre-wired cable (ZI-P2-CBL24-x, x=blank 0.5m, 1=1m, 2=2m length) required, purchase separately.	\$370
P2-04DA	Productivity2000 analog output module, 4-channel, voltage or current, 16-bit, +/- 10 VDC, 4-20 mA, sinking / sourcing, external 24 VDC required. Requires removable terminal block (sold separately, P2-RTB or P2-RTB-1); optional ZIPLink connector modules and pre-wired cables are available.	\$350
P2-04DAL-1	Productivity2000 analog output module, 4-channel, current, 12-bit, output current signal range(s) of 4-20 mA, external 24 VDC required. Requires removable terminal block (sold separately, P2-RTB or P2-RTB-1); optional ZIPLink connector modules and pre-wired cables are available.	\$215
P2-04DAL-2	Productivity2000 analog output module, 4-channel, voltage, 12-bit, output voltage signal range(s) of 0-10 VDC, external 24 VDC required. Requires removable terminal block (sold separately, P2-RTB or P2-RTB-1); optional ZIPLink connector modules and pre-wired cables are available.	\$195
P2-08DA-1	Productivity2000 analog output module, 8-channel, current, 16-bit, 4-20 mA, external 24 VDC required. Requires removable terminal block (sold separately, P2-RTB or P2-RTB-1); optional ZIPLink connector modules and pre-wired cables are available.	\$470
P2-08DA-2	Productivity2000 analog output module, 8-channel, voltage, 16-bit, +/- 10 VDC, external 24 VDC required. Requires removable terminal block (sold separately, P2-RTB or P2-RTB-1); optional ZIPLink connector modules and pre-wired cables are available.	\$460
P2-08DAL-1	Productivity2000 analog output module, 8-channel, 12-bit resolution, output current signal range(s) of 4 - 20 mA, external 24 VDC required. Requires removable terminal block (sold separately, P2-RTB or P2-RTB-1). Optional ZIPLink connector modules and pre-wired cables are available.	\$380
P2-08DAL-2	Productivity2000 analog output module, 8-channel, 12-bit resolution, output voltage signal range(s) of 0 - 10 VDC, external 24 VDC required. Requires removable terminal block (sold separately, P2-RTB or P2-RTB-1). Optional ZIPLink connector modules and pre-wired cables are available.	\$370
P2-16DA-1	Productivity2000 analog output module, 16-channel, current, 16-bit, 4-20 mA, external 24 VDC required. No terminal block sold for this module; ZIPLink connector module (ZL-RTB20) and pre-wired cable (ZI-P2-CBL24-x, x=blank 0.5m, 1=1m, 2=2m length) required, purchase separately.	\$595
P2-16DA-2	Productivity2000 analog output module, 16-channel, voltage, 16-bit, +/- 10 VDC, external 24 VDC required. No terminal block sold for this module; ZIPLink connector module (ZL-RTB20) and pre-wired cable (ZI-P2-CBL24-x, x=blank 0.5m, 1=1m, 2=2m length) required, purchase separately.	\$575

P2-16DAL-1	Productivity2000 analog output module, 16-channel, 12-bit resolution, output current signal range(s) of 4 - 20 mA, external 24 VDC required. No terminal block sold for this module; ZIPLink connector module (ZL-RTB20) and pre-wired cable (ZI-P2-CBL24-x, x=blank 0.5m, 1=1m, 2=2m length) required, purchase separately.	\$470
P2-16DAL-2	Productivity2000 analog output module, 16-channel, 12-bit resolution, output voltage signal range(s) of 0 - 10 VDC, external 24 VDC required. No terminal block sold for this module; ZIPLink connector module (ZL-RTB20) and pre-wired cable (ZI-P2-CBL24-x, x=blank 0.5m, 1=1m, 2=2m length) required, purchase separately.	\$460
P2-06RTD	Productivity2000 temperature input module, RTD, 6-channel, 16-bit resolution, input RTD type(s): Pt100, Pt1000, JPt100, Cu10, Cu25 and Ni120, input resistance signal range(s) of 0-10,000 Ohms, 0-1562.5 Ohms, 0-195.3125 Ohms, 0-3125 Ohms, 0-6250 Ohms, 0-390.625 Ohms and 0-781.25 Ohms. P2-RTB screw terminal block included. Optional P2-RTB-1 spring clamp terminal block sold separately. Pre-wired ZIPLinks not available for temperature modules.	\$595
P2-8AD4DA-1	Productivity2000 analog combo module, 8-channel input, 4-channel output, current, 16-bit, 0-20 mA, 4-20 mA, sourcing, external 24 VDC required. Requires removable terminal block (sold separately, P2-RTB or P2-RTB-1); optional ZIPLink connector modules and pre-wired cables are available.	\$580
P2-8AD4DA-2	Productivity2000 analog combo module, 8-channel input, 4-channel output, voltage, 16-bit, 0-5 VDC, 0-10 VDC, 0-5 VDC, 0-10 VDC, sinking / sourcing, external 24 VDC required. Requires removable terminal block (sold separately, P2-RTB or P2-RTB-1); optional ZIPLink connector modules and pre-wired cables are available.	\$580
P2-08NTC	Productivity2000 temperature input module, thermistor, 8-channel, 16-bit resolution, input thermistor type(s): 2252, 10K-AN Type 3, 10K-CP Type 2, 5K, 3K and 1.8K ohm. P2-RTB screw terminal block included. Optional P2-RTB-1 spring clamp terminal block sold separately. Pre-wired ZIPLinks not available for temperature modules.	\$450
P2-08THM	Productivity2000 temperature input module, thermocouple, 8-channel, 16-bit resolution, input thermocouple type(s): J, E, K, R, S, T, B, N, C, input voltage signal range(s) of 0-39.0625 mV, +/- 39.0625 mV, +/- 78.125 mV, 0-156.25 mV, +/- 156 mV, 0-1.25V. P2-RTB screw terminal block included. Optional P2-RTB-1 spring clamp terminal block sold separately. Pre-wired ZIPLinks not available for temperature modules.	\$620
Product Code	Productivity2000 Controller Communications and Networking	Aust\$
P2-SCM	Productivity2000 4-port serial communications module, (3) RS-232 (RJ12) port(s), (1) RS-485 (4-wire terminal block) port(s), all with Modbus RTU Master/Slave, ASCII IN/OUT and custom protocol(s) at up to 38.4 kbaud. Port 1 can supply power to C-more Micro panels.	\$295
Product Code	Productivity2000 Controller Motion and Specialty Modules	Aust\$
P2-HSI	Productivity2000 high-speed counter input module, 2-channel, 1 MHz, 2 general purpose inputs, 5-24 VDC, 4 general purpose outputs, 5-24 VDC. Requires one pre-wired cable and one ZIPLink module (sold separately): use pre-wired shielded cable ZL-CBL40-xS, where the x designates the following: (no value = 0.5m length), (1 = 1m length) or (2 = 2m length); use ZIPLink connector module ZL-RTB40.	\$360
P2-HSO	Productivity2000 high-speed pulse output module, 2-channel, 1 MHz, 6 general purpose inputs, 5-24 VDC, 4 general purpose outputs, 5-24 VDC. Requires one pre-wired cable and one ZIPLink module (sold separately): use pre-wired shielded cable ZL-CBL40-xS, where the x designates the following: (no value = 0.5m length), (1 = 1m length) or (2 = 2m length); use ZIPLink connector module ZL-RTB40.	\$360
P2-04PWM	Productivity2000 high-speed pulse width modulation output module, 5-24 VDC, sinking/sourcing, 4-channel, single-ended output(s), external 5-24 VDC required.	\$199
P2-08SIM	Productivity2000 simulator module, 8-point, with 8 hand-operated switches	\$95
P2-FILL	Productivity2000 filler module, protects unused module slot connections in base	\$25
Product Code	Productivity2000 Controller Specialty Items and Spare Parts	Aust\$
P2-RTB	Productivity2000 terminal block, 18-pin screw type. For use with P2-04AD, P2-04DA, P2-06RTD, P2-08AD-1, P2-08AD-2, P2-08DA-1, P2-08DA-2, P2-08NE3, P2-08TD1P, P2-08TD2P, P2-08THM, P2-08TRS, P2-8AD4DA-1, P2-8AD4DA-2, P2-16NA, P2-16NE3, P2-16TD1P, P2-16TD2P, and P2-16TR. Terminal block must be purchased separate from I/O module.	\$12
P2-RTB-1	Productivity2000 terminal block, 18-pin spring clamp. For use with 2-04AD, P2-04DA, P2-06RTD, P2-08AD-1, P2-08AD-2, P2-08DA-1, P2-08DA-2, P2-08NE3, P2-08TD1P, P2-08TD2P, P2-08THM, P2-08TRS, P2-8AD4DA-1, P2-8AD4DA-2, P2-16NA, P2-16NE3, P2-16TD1P, P2-16TD2P, and P2-16TR. Terminal block must be purchased separate from I/O module.	\$12
MICSD-16G	Memory card, 16 Gb micro SD.	\$55

Product Code	Productivity2000 Controller Software, Cables and Documentation	Aust\$
PS-PGMSW	Productivity Suite programming and documentation software for Productivity series programmable controllers. Package includes software CD. Available for FREE download. Programming cable sold separately.	\$36
USB-CBL-AMICB6	USB cable, 6 ft. (1.8 meter), Standard A plug to Micro B plug. Suitable for Productivity2000 programming and most USB devices.	\$15
USB-CBL-AMICB15	USB cable, 15 ft. (4.6 meter), Standard A plug to Micro B plug. Suitable for Productivity2000 programming and most USB devices.	\$19
P2-USER-M	Productivity2000 user manual, print or free download . For use with all Productivity2000 CPUs and I/O modules. Order separately.	\$60
Product Code	ZIPLinks Connectors - Productivity2000	Aust\$
ZL-P2-CBL18	ZIPLink PLC I/O cable, for Productivity2000 modules, 18-position terminal block to 24-pin connector, 24 AWG, 0.5 meter (1.6 ft.) length. See the ZIPLink selection guide for detailed usage and compatibility.	\$44
ZL-P2-CBL18-1	ZIPLink PLC I/O cable, for Productivity2000 modules, 18-position terminal block to 24-pin connector, 24 AWG, 1.0 meter (3.3 ft.) length. See the ZIPLink selection guide for detailed usage and compatibility.	\$52
ZL-P2-CBL18-2	ZIPLink PLC I/O cable, for Productivity2000 modules, 18-position terminal block to 24-pin connector, 24 AWG, 2.0 meter (6.6 ft.) length. See the ZIPLink selection guide for detailed usage and compatibility.	\$70
ZL-P2-CBL18-1P	ZIPLink PLC I/O cable, for Productivity2000 modules, 18-position terminal block to pigtail, 24 AWG, 1.0 meter (3.3 ft.) length. See the ZIPLink selection guide for detailed usage and compatibility.	\$45
ZL-P2-CBL18-2P	ZIPLink PLC I/O cable, for Productivity2000 modules, 18-position terminal block to pigtail, 24 AWG, 2.0 meter (6.6 ft.) length. See the ZIPLink selection guide for detailed usage and compatibility.	\$61
ZL-P2-CBL24	ZIPLink PLC I/O cable, for Productivity2000 modules, 24-pin connector to 24-pin connector, 24 AWG, 0.5 meter (1.6 ft.) length. See the ZIPLink selection guide for detailed usage and compatibility.	\$56
ZL-P2-CBL24-1	ZIPLink PLC I/O cable, for Productivity2000 modules, 24-pin connector to 24-pin connector, 24 AWG, 1.0 meter (3.3 ft.) length. See the ZIPLink selection guide for detailed usage and compatibility.	\$60
ZL-P2-CBL24-2	ZIPLink PLC I/O cable, for Productivity2000 modules, 24-pin connector to 24-pin connector, 24 AWG, 2.0 meter (6.6 ft.) length. See the ZIPLink selection guide for detailed usage and compatibility.	\$56
ZL-P2-CBL24-1P	ZIPLink PLC I/O cable, for Productivity2000 modules, 24-pin connector to pigtail, 24 AWG, 1.0 meter (3.3 ft.) length. See the ZIPLink selection guide for detailed usage and compatibility.	\$56
ZL-P2-CBL24-2P	ZIPLink PLC I/O cable, for Productivity2000 modules, 24-pin connector to pigtail, 24 AWG, 2.0 meter (6.6 ft.) length. See the ZIPLink selection guide for detailed usage and compatibility.	\$58