

SIMATIC S7-1200 Basic ControllersCentral processing units
Standard CPUs

CPU 1211C

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Ordering data	Article No.	Article No.
BB1297 battery board For long-term backup of real-time clock, can be plugged into the signal board slot; battery (CR1025) is not included in scope of supply	6ES7297-0AX30-0XA0	STEP 7 Professional / Basic V15.1 Target system: SIMATIC S7-1200, S7-1500, S7-300, S7-400, WinAC Requirement: Windows 7 Home Premium SP1 (64-bit) Windows 7 Professional SP1 (64-bit) Windows 7 Enterprise SP1 (64-bit) Windows 7 Ultimate SP1 (64-bit) Windows 10 Home Version 1709, 1803 Windows 10 Professional Version 1709, 1803 Windows 10 Enterprise Version 1709, 1803 Windows 10 Enterprise 2016 LTSB Windows 10 IoT Enterprise 2015 LTSB Windows 10 IoT Enterprise 2016 LTSB Windows Server 2012 R2 StdE (full installation) Windows Server 2016 Standard (full installation) Type of delivery: en, de, fr, it, es, zh STEP 7 Professional V15.1, floating license STEP 7 Professional V15.1, floating license software download incl. license key ¹⁾ Email address required for delivery STEP 7 Basic V15.1, floating license STEP 7 Basic V15.1, floating license, software download incl. license key ¹⁾ Email address required for delivery
Digital input simulator SIM 1274 simulator module (optional) 8 input switches, for CPU 1211C / CPU 1212C	6ES7274-1XF30-0XA0	
Analog input simulator SIM 1274 simulator module (optional) 2 potentiometers	6ES7274-1XA30-0XA0	
SIMATIC Memory Card (optional) 4 MB	6ES7954-8LC03-0AA0	
12 MB	6ES7954-8LE03-0AA0	
24 MB	6ES7954-8LF03-0AA0	
256 MB	6ES7954-8LL03-0AA0	
2 GB	6ES7954-8LP02-0AA0	
32 GB	6ES7954-8LT03-0AA0	
Terminal block (spare part) For CPU 1211C AC/DC/relay • For DI, with 14 screws, tin-coated, coded; 4 units • For DQ, with 8 screws, tin-coated, coded; 4 units • For AI, with 3 screws, gold-plated; 4 units	6ES7292-1AP40-0XA0 6ES7292-1AH40-0XA0 6ES7292-1BC30-0XA0	
For CPU 1211C DC/DC/DC • For DI, with 14 screws, tin-coated; 4 units • For DQ, with 8 screws, tin-coated; 4 units • For AI, with 3 screws, gold-plated; 4 units	6ES7292-1AP30-0XA0 6ES7292-1AH30-0XA0 6ES7292-1BC30-0XA0	
For CPU 1211C DC/DC/relay • For DI, with 14 screws, tin-coated; 4 units • For DQ, with 8 screws, tin-coated, coded; 4 units • For AI, with 3 screws, gold-plated; 4 units	6ES7292-1AP30-0XA0 6ES7292-1AH40-0XA0 6ES7292-1BC30-0XA0	
RJ45 cable grip 4 units per pack Single port	6ES7290-3AA30-0XA0	
Front flap set (spare part) For CPU 1211C/1212C	6ES7291-1AA30-0XA0	

¹⁾ For up-to-date information and download availability, see:
<http://www.siemens.com/tia-online-software-delivery>

Ordering data	Article No.		Article No.
SB 1231 thermocouple signal board 1 input +/- 80 mV, resolution 15 bits + sign, thermocouples type J, K	6ES7231-5QA30-0XB0	Terminal block (spare part) (cont.) For CPU 1212C DC/DC/DC • For DI, with 14 screws, tin-coated; 4 units • For DQ, with 8 screws, tin-coated; 4 units • For AI, with 3 screws, gold-plated; 4 units	6ES7292-1AP30-0XA0 6ES7292-1AH30-0XA0 6ES7292-1BC30-0XA0
SB 1231 RTD signal board 1 input for resistance temperature sensors Pt 100, Pt 200, Pt 500, Pt 1000, resolution 15 bits + sign	6ES7231-5PA30-0XB0	For CPU 1212C DC/DC/relay • For DI, with 14 screws, tin-coated; 4 units • For DQ, with 8 screws, tin-coated, coded; 4 units • For AI, with 3 screws, gold-plated; 4 units	6ES7292-1AP30-0XA0 6ES7292-1AH40-0XA0 6ES7292-1BC30-0XA0
SB 1232 signal board 1 analog output, ±10 V with 12 bits or 0 to 20 mA with 11 bits	6ES7232-4HA30-0XB0	RJ45 cable grip 4 units per pack Single port	6ES7290-3AA30-0XA0
CB 1241 RS 485 communication board For point-to-point connection, with 1 RS 485 interface	6ES7241-1CH30-1XB0	Front flap set (spare part) For CPU 1211C/1212C	6ES7291-1AA30-0XA0
BB1297 battery board For long-term backup of real-time clock, can be plugged into the signal board slot; battery (CR1025) is not included in scope of supply	6ES7297-0AX30-0XA0	STEP 7 Professional / Basic V15.1 Target system: SIMATIC S7-1200, S7-1500, S7-300, S7-400, WinAC Requirement: Windows 7 Home Premium SP1 (64-bit) Windows 7 Professional SP1 (64-bit) Windows 7 Enterprise SP1 (64-bit) Windows 7 Ultimate SP1 (64-bit) Windows 10 Home Version 1709, 1803 Windows 10 Professional Version 1709, 1803 Windows 10 Enterprise Version 1709, 1803 Windows 10 Enterprise 2016 LTSC Windows 10 IoT Enterprise 2015 LTSC Windows 10 IoT Enterprise 2016 LTSC Windows Server 2012 R2 StdE (full installation) Windows Server 2016 Standard (full installation) Type of delivery: en, de, fr, it, es, zh	6ES7822-1AA05-0YA5 6ES7822-1AE05-0YA5 6ES7822-0AA05-0YA5 6ES7822-0AE05-0YA5
Digital input simulator SIM 1274 simulator module (optional) 8 input switches, for CPU 1211C / CPU 1212C	6ES7274-1XF30-0XA0	STEP 7 Professional V15.1, floating license STEP 7 Professional V15.1, floating license software download incl. license key ¹⁾ Email address required for delivery	
Analog input simulator SIM 1274 simulator module (optional) 2 potentiometers	6ES7274-1XA30-0XA0	STEP 7 Basic V15.1, floating license STEP 7 Basic V15.1, floating license software download incl. license key ¹⁾ Email address required for delivery	
SIMATIC Memory Card (optional) 4 MB 12 MB 24 MB 256 MB 2 GB 32 GB	6ES7954-8LC03-0AA0 6ES7954-8LE03-0AA0 6ES7954-8LF03-0AA0 6ES7954-8LL03-0AA0 6ES7954-8LP02-0AA0 6ES7954-8LT03-0AA0		
Extension cable for two-tier configuration For connecting digital/analog signal modules; length 2 m	6ES7290-6AA30-0XA0		
Starter box CPU 1212C AC/DC/relay Complete offer SIMATIC S7-1200, starter box, comprising: CPU 1212C AC/DC/relay, simulator, STEP 7 BASIC CD, manual CD, info material, in Systainer	6ES7212-1BD34-4YB0		
Terminal block (spare part) For CPU 1212C AC/DC/relay • For DI, with 14 screws, tin-coated, coded; 4 units • For DQ, with 8 screws, tin-coated, coded; 4 units • For AI, with 3 screws, gold-plated; 4 units	6ES7292-1AP40-0XA0 6ES7292-1AH40-0XA0 6ES7292-1BC30-0XA0		

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BB1297 battery board For long-term backup of real-time clock, can be plugged into the signal board slot; battery (CR1025) is not included in scope of supply	6ES7297-0AX30-0XA0	RJ45 cable grip 4 units per pack Single port	6ES7290-3AA30-0XA0
Digital input simulator SIM 1274 simulator module (optional) 14 input switches, for CPU 1214C/1215C	6ES7274-1XH30-0XA0	Front flap set (spare part) For CPU 1214C	6ES7291-1AB30-0XA0
Analog input simulator SIM 1274 simulator module (optional) 2 potentiometers	6ES7274-1XA30-0XA0	STEP 7 Professional / Basic V15.1 Target system: SIMATIC S7-1200, S7-1500, S7-300, S7-400, WinAC Requirement: Windows 7 Home Premium SP1 (64-bit) Windows 7 Professional SP1 (64-bit) Windows 7 Enterprise SP1 (64-bit) Windows 7 Ultimate SP1 (64-bit) Windows 10 Home Version 1709, 1803 Windows 10 Professional Version 1709, 1803 Windows 10 Enterprise Version 1709, 1803 Windows 10 Enterprise 2016 LTSB Windows 10 IoT Enterprise 2015 LTSB Windows 10 IoT Enterprise 2016 LTSB Windows Server 2012 R2 StdE (full installation) Windows Server 2016 Standard (full installation) Type of delivery: en, de, fr, it, es, zh STEP 7 Professional V15.1, floating license STEP 7 Professional V15.1, floating license software download incl. license key ¹⁾ Email address required for delivery STEP 7 Basic V15.1, floating license STEP 7 Basic V15.1, floating license, software download incl. license key ¹⁾ Email address required for delivery	6ES7822-1AA05-0YA5 6ES7822-1AE05-0YA5 6ES7822-0AA05-0YA5 6ES7822-0AE05-0YA5
SIMATIC Memory Card (optional) 4 MB 12 MB 24 MB 256 MB 2 GB 32 GB	6ES7954-8LC03-0AA0 6ES7954-8LE03-0AA0 6ES7954-8LF03-0AA0 6ES7954-8LL03-0AA0 6ES7954-8LP02-0AA0 6ES7954-8LT03-0AA0		
Extension cable for two-tier configuration For connecting digital/analog signal modules; length 2 m	6ES7290-6AA30-0XA0		
Terminal block (spare part) For CPU 1214C AC/DC/relay • For DI, with 20 screws, tin-coated, coded; 4 units • For DQ, with 12 screws, tin-coated, coded; 4 units • For AI, with 3 screws, gold-plated; 4 units For CPU 1214C DC/DC/DC • For DI, with 20 screws, tin-coated; 4 units • For DQ, with 12 screws, tin-coated; 4 units • For AI, with 3 screws, gold-plated; 4 units For CPU 1214C DC/DC/relay • For DI, with 20 screws, tin-coated; 4 units • For DQ, with 12 screws, tin-coated, coded; 4 units • For AI, with 3 screws, gold-plated; 4 units	6ES7292-1AV40-0XA0 6ES7292-1AM40-0XA0 6ES7292-1BC30-0XA0 6ES7292-1AV30-0XA0 6ES7292-1AM30-0XA0 6ES7292-1BC30-0XA0 6ES7292-1AV30-0XA0 6ES7292-1AM40-0XA0 6ES7292-1BC30-0XA0		

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