

INDUSTRIAL AUTOMATION PRODUCT

6DD1606-2AC0

Processor Module

Siemens 6DD1606-2AC0 is a SIMADYN D PT20G 16-bit, 20 MHz processor module with one SITOP interface. It is a spare-part product for a documented legacy control configuration.

IDENTITY	VERIFIED VALUE
Manufacturer	Siemens
Complete model	6DD1606-2AC0
Product role	Processor Module
System family	SIMADYN D PT20G Technology Processor

DOCUMENT SCOPE

Exact identity, manufacturer-supported technical data, installation checks, applications, precautions and controlled verification records.

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6DD1606-2AC0

Technical Specifications

PARAMETER	VERIFIED VALUE
Complete model	6DD1606-2AC0
Processor technology	PT20G
Processor width	16 bit
Clock frequency	20 MHz
Special interface	One SITOR interface
System	SIMADYN D

Model-Specific Engineering Note

ENGINEERING BOUNDARY

Use only the complete Siemens 6DD1606-2AC0 identity and the current manufacturer documentation. Confirm installed hardware, wiring, firmware or parameter compatibility and the approved maintenance record before replacement or release.

Pre-Installation Checks

NO.	REQUIRED CHECK
1	Verify the complete Siemens 6DD1606-2AC0 marking before work.
2	Review the current Siemens source documentation and the installed-system record.
3	Record the slot, connector, terminal and companion-hardware arrangement before removal.
4	Place the controller, drive or machine in the approved maintenance state before handling.
5	Use ESD controls and protect keyed connectors, terminals and circuit-board components.

Related Products on Apter Power

MODEL	APTER POWER PAGE
Siemens 6DD1600-0AK0	View Siemens 6DD1600-0AK0
Siemens 6DD1600-0BA1	View Siemens 6DD1600-0BA1
Siemens 6DD1601-0AH0	View Siemens 6DD1601-0AH0
Siemens 6DD1606-1AA0	View Siemens 6DD1606-1AA0
Siemens 6DD1640-0AH0	View Siemens 6DD1640-0AH0

System Role and Architecture

Siemens 6DD1606-2AC0 is a SIMADYN D PT20G 16-bit, 20 MHz processor module with one SITOR interface. It is a spare-part product for a documented legacy control configuration.

FUNCTION 1
16-bit processing

FUNCTION 2
20 MHz execution

FUNCTION 3
SITOR interface

FUNCTION 4
SIMADYN D integration

Common Applications

APPLICATION	ENGINEERING CONTEXT
Drive coordination	Executes documented SIMADYN D drive-control functions.
Process automation	Supports configured deterministic control tasks.
SITOR integration	Provides the documented SITOR interface.
Legacy maintenance	Preserves an approved PT20G configuration.

Related Products on Apter Power

MODEL	APTER POWER PAGE
Siemens 6DD1641-0AC0-416016	View Siemens 6DD1641-0AC0-416016
Siemens 6DD1660-0AE0	View Siemens 6DD1660-0AE0
Siemens 6DD1681-0AH2	View Siemens 6DD1681-0AH2

CONTROLLED ACCEPTANCE DUTY
Confirm identity, physical interface, companion hardware, configured values and functional response against the installed-system record before release.

Engineering Precautions

NO.	PRECAUTION
1	Verify the complete Siemens 6DD1606-2AC0 marking before work.
2	Review the current Siemens source documentation and the installed-system record.
3	Record the slot, connector, terminal and companion-hardware arrangement before removal.
4	Place the controller, drive or machine in the approved maintenance state before handling.
5	Use ESD controls and protect keyed connectors, terminals and circuit-board components.
6	Confirm the documented electrical and interface values for 6DD1606-2AC0 before energization.
7	Restore wiring, shielding, grounding and mechanical retention exactly as documented.
8	Run model-specific diagnostics and a controlled functional test before production release.

Model-Specific FAQ - Part 1

QUESTION	ANSWER
What is Siemens 6DD1606-2AC0?	Siemens 6DD1606-2AC0 is a SIMADYN D PT20G 16-bit, 20 MHz processor module with one SITOP interface. It is a spare-part product for a documented legacy control configuration.
Which product family includes 6DD1606-2AC0?	The official manufacturer record identifies it within the SIMADYN D PT20G Technology Processor family.
Which exact identity must be retained?	Record the complete Siemens 6DD1606-2AC0 marking; do not shorten or replace the suffix.
Which key technical value is documented?	Processor technology: PT20G.

Related Products on Apter Power

MODEL	APTER POWER PAGE
Siemens 6DD1682-0CH0	View Siemens 6DD1682-0CH0
Siemens 6DD1683-0BE0	View Siemens 6DD1683-0BE0
Siemens 6DD1683-0CH0	View Siemens 6DD1683-0CH0
Siemens 6DD1842-0AA1	View Siemens 6DD1842-0AA1
Siemens 6DD2920-0AN1	View Siemens 6DD2920-0AN1

Model-Specific FAQ - Part 2

QUESTION	ANSWER
What must be checked before removal?	Record the slot, connectors, terminals, companion hardware and configured function from the installed system.
Can a nearby model be substituted?	No. A different suffix or family member requires documented electrical, mechanical, firmware and interface approval.
What installation controls are required?	Use the current manufacturer procedure, approved maintenance state, ESD controls and the documented wiring and grounding arrangement.
What confirms successful commissioning?	Identity and connections match the record, diagnostics pass and the controlled functional test has no unexplained fault.

Related Products on Apter Power

MODEL	APTER POWER PAGE
Siemens 6DD7060-1AA06	View Siemens 6DD7060-1AA06
Siemens 15499-146-8	View Siemens 15499-146-8
Siemens 16267-1-2	View Siemens 16267-1-2
Siemens 39ACM24BAN-16139-76-09	View Siemens 39ACM24BAN-16139-76-09
Siemens 39ACM24BEN-16139-215-1	View Siemens 39ACM24BEN-16139-215-1
Siemens 39EAMCBN-16154-93-3	View Siemens 39EAMCBN-16154-93-3
Siemens 39EAMCBN-A5E00282025-05	View Siemens 39EAMCBN-A5E00282025-05
Siemens 39MBXNAN-16180-1-14	View Siemens 39MBXNAN-16180-1-14
Siemens 39MBXNAN-16180-1-17	View Siemens 39MBXNAN-16180-1-17
Siemens 39RTMCAN-16207-61-10	View Siemens 39RTMCAN-16207-61-10
Siemens 39RTMCAN-16207-61-11	View Siemens 39RTMCAN-16207-61-11

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