Product dashboard

Siemens 6GK1143-0TA00 is the basic SINEC CP 1430 TF communications processor for connecting SIMATIC S5 controllers to Industrial Ethernet. It is configured with the NCM COM 1430 TF engineering package for the retained SINEC installation.

Exact model	Product type	System	Network family
6GK1143-0TA00	Communications Processor	SINEC CP 1430 TF	SINEC Industrial Ethernet

PARAMETER	DOCUMENTED VALUE
Exact model	6GK1143-0TA00
Product designation	SINEC CP 1430 TF
Execution	Basic
Host family	SIMATIC S5
Network family	SINEC Industrial Ethernet
Engineering software	NCM COM 1430 TF
Engineering environment	S5-DOS/ST Version 6.x
Supported engineering devices	PG720 / PG740 / PG760 / compatible PC
Exact-model online path	Koster box and documented cables

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6GK1143-0TA00

System and signal path

Siemens 6GK1143-0TA00 links a SIMATIC S5 rack to the installed SINEC Industrial Ethernet network while preserving the processor firmware, connection database and host startup behavior.

SIMATIC S5 Ethernet connection

Connects the retained S5 controller and CP database to the SINEC network.

Legacy network restoration

Reinstates a Basic CP 1430 TF position without changing connection identities.

NCM configuration service

Uses the preserved COM 1430 TF database and compatible engineering environment.

Connection-load diagnostics

Reviews PAFE and ANZW status while verifying controlled network traffic.

GATE	REQUIRED RESULT
Identity	6GK1143-0TA00
Acceptance	SIMATIC S5 communication over SINEC Industrial Ethernet

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6GK1143-0TA00

Technical data map

PARAMETER	VERIFIED VALUE
Exact model	6GK1143-0TA00
Product designation	SINEC CP 1430 TF
Execution	Basic
Host family	SIMATIC S5
Network family	SINEC Industrial Ethernet
Engineering software	NCM COM 1430 TF
Engineering environment	S5-DOS/ST Version 6.x
Supported engineering devices	PG720 / PG740 / PG760 / compatible PC
Exact-model online path	Koster box and documented cables
Transport connections	62 assignable with Basic V3.06B
Network media guidance	SINEC H1 triaxial or Industrial Twisted Pair
Installation	Grounded closed metal cabinet
ESD handling	Required before cabinet access
Acceptance	Startup, connection establishment and network diagnostics

Technical record: NCM COM 1430 TF / CP 1430 TF Product Information, S79200-A0747-B-04-7637

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Applications and service checks

1. Confirm 6GK1143-0TA00 and the CP 1430 TF Basic execution before work.
2. Back up the NCM COM 1430 TF database, connection list, addresses and firmware record.
3. Place the SIMATIC S5 controller and network peers in the approved maintenance state.
4. Isolate the rack and observe ESD precautions before opening the grounded metal cabinet.
5. Record SINEC media, connectors, shield and protective-earth arrangements.
6. Restore the processor, network path and retained connection database without renumbering peers.
7. Review CP startup, PAFE, ANZW and connection-establishment diagnostics under controlled traffic.
8. Verify each required transport path before releasing 6GK1143-0TA00.

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6GK1143-0TA00

Engineering FAQ and related products

What does Siemens 6GK1143-0TA00 connect?

The CP 1430 TF Basic connects a SIMATIC S5 controller to a SINEC Industrial Ethernet network.

Which engineering tool configures Siemens 6GK1143-0TA00?

Use NCM COM 1430 TF in the documented S5-DOS/ST Version 6.x environment.

Which engineering devices support Siemens 6GK1143-0TA00?

The product information lists PG720, PG740, PG760 and compatible PCs with the required S5-DOS/ST package.

Can Siemens 6GK1143-0TA00 use the standard V.24 adapter for online functions?

No. The exact -0TA00 execution requires the documented Koster box and connecting cables for that online path.

Related Siemens product pages

- Siemens 6GK5206-2BS00-2AC2 — View product page
- Siemens 6GK1500-0FC10 — View product page
- Siemens 6GK1571-0BA00-0AA0 — View product page

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