

APTER POWER PRODUCT MANUAL

6AV2124-1MC01-0AX0

SIMATIC HMI KP1200 Comfort Key Panel

The Siemens 6AV2124-1MC01-0AX0 is a SIMATIC HMI KP1200 Comfort key panel with a 12.1-inch widescreen display. It presents process graphics, alarms, trends, and operating data while providing dedicated illuminated function keys for machine control.

The panel exchanges data through PROFINET or MPI/PROFIBUS DP and runs the project engineered for the connected controller and machine.

Manufacturer	Siemens
Prepared by	Apter Power
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APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

Wide-Screen Insight with Thirty-Four Dedicated Control Keys.

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SCAN FOR PRODUCT & QUOTE
6AV2124-1MC01-0AX0

1. Product Overview and Identity

The Siemens 6AV2124-1MC01-0AX0 is a SIMATIC HMI KP1200 Comfort key panel with a 12.1-inch widescreen display. It presents process graphics, alarms, trends, and operating data while providing dedicated illuminated function keys for machine control.

The panel exchanges data through PROFINET or MPI/PROFIBUS DP and runs the project engineered for the connected controller and machine.

Model Configuration

Field	Verified information
Complete model	6AV2124-1MC01-0AX0
Manufacturer	Siemens
Product description	SIMATIC HMI KP1200 Comfort Key Panel

Key Features

- Exact 6AV2124-1MC01-0AX0 identity retained
- Manufacturer-source data separated from unconfirmed values
- KP1200 Comfort
- System context: SIMATIC HMI Comfort
- Model-specific lifecycle and installation guidance

2. Technical Specifications

Only manufacturer-confirmed information is stated. Values absent from the named Siemens source are marked for nameplate or document verification.

Parameter	Verified value
Panel	KP1200 Comfort
Display	12.1-inch widescreen TFT
Resolution	1280 x 800 pixels
Colors	16.7 million
Function keys	34 with LEDs
Interfaces	PROFINET and MPI/PROFIBUS DP
Configuration memory	12 MB
Supply	24 V DC; 19.2 to 28.8 V
Rated current	0.85 A
Net weight	Approx. 4.4 kg

Verification Note

Use the complete 6AV2124-1MC01-0AX0 identifier. Confirm the current lifecycle phase and firmware support with Siemens using the full article number. Values not published in the cited Siemens source are intentionally not inferred.

3. Functions, Applications and Components

Core Functions

- The panel exchanges data through PROFINET or MPI/PROFIBUS DP and runs the project engineered for the connected controller and machine.
- Maintains the documented SIMATIC HMI Comfort system role for this exact article number.
- Provides an exact reference for engineering, maintenance, and quotation review.

Application Areas

Application	System role
Operator stations	Combine wide-screen visualization with dedicated keys.
Production machinery	Present alarms and commands at the machine.
Process skids	Connect to the controller over PROFINET or PROFIBUS.

Compatible Components

- TIA Portal / WinCC project created for KP1200 Comfort
- PLC connection over configured PROFINET or MPI/PROFIBUS DP
- Cabinet cutout, 24 V supply, and accessories specified for the panel

Lifecycle Status

Confirm the current lifecycle phase and firmware support with Siemens using the full article number.

4. Installation Precautions

- Back up the HMI project and recipes
- Record network name, IP address, and bus parameters
- Confirm cabinet cutout and environmental sealing
- Verify TIA Portal compatibility
- Restore only a project intended for KP1200 Comfort

STOP - Verify before installation

Use the complete 6AV2124-1MC01-0AX0 identifier. Confirm the current lifecycle phase and firmware support with Siemens using the full article number. Values not published in the cited Siemens source are intentionally not inferred.

Use the physical nameplate and current Siemens documents as the controlling records.

5. Official Source and Use Notice

Official source

Siemens Industry Mall technical data for 6AV2124-1MC01-0AX0.

Apter Power product page

<https://www.apterpower.com/Siemens/6AV2124-1MC01-0AX0>

Use Notice

This is an original Apter Power product-specific reference prepared from the Siemens source named above. It is not a Siemens publication and does not replace the original data sheet, nameplate, certificate, installation drawing, safety instructions, or machine-builder documentation.

ASK FOR QUOTE

For availability and quotation details, visit www.apterpower.com or contact sales13@apterpower.com.