

SIMATIC HMI OPERATOR SYSTEMS

# Product Data Sheet

**6AV6646-1AA22-0AX0**

industrial thin client panel

|                                                 |                                               |                          |                          |
|-------------------------------------------------|-----------------------------------------------|--------------------------|--------------------------|
| FUNCTION<br><b>industrial thin client panel</b> | FAMILY<br><b>SIMATIC HMI operator systems</b> | ORIGIN<br><b>Germany</b> | WEIGHT<br><b>4.48 kg</b> |
|-------------------------------------------------|-----------------------------------------------|--------------------------|--------------------------|

Siemens SIMATIC HMI 6AV6646-1AA22-0AX0 is a industrial thin client panel for the SIMATIC HMI operator systems. The values below are limited to the exact documented article.

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## VERIFIED TECHNICAL DATA

|                                                        |              |
|--------------------------------------------------------|--------------|
| Rated value (DC)                                       | 24 V         |
| Screen diagonal                                        | 12.1 in; 12" |
| Image resolution                                       | 1 280 x 800  |
| Horizontal image resolution                            | 1 280 pixel  |
| Vertical image resolution                              | 800 pixel    |
| min.                                                   | 0 °C         |
| max.                                                   | 50 °C        |
| Ambient temperature during storage/transportation min. | -20 °C       |
| Ambient temperature during storage/transportation max. | 60 °C        |
| TCP/IP                                                 | Yes          |

- Display live process and machine status: Use 6AV6646-1AA22-0AX0 for configured screens, status values and navigation within the documented SIMATIC HMI operator systems. Restore the approved HMI project and communication settings.
- Acknowledge alarms and issue controlled commands: Verify key, touch and safety-control functions on 6AV6646-1AA22-0AX0; confirm each command reaches the intended controller tag without unintended equipment movement.
- Validate the complete operator interface: Test display quality, touch or key response, communication, user access and emergency or enabling devices applicable to 6AV6646-1AA22-0AX0 before production use.

Match 6AV6646-1AA22-0AX0 to the installed SIMATIC HMI operator systems, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[Siemens Industry Mall technical product data](#)

<https://mall.industry.siemens.com/mall/en/kettanehjoown/Catalog/Product?SiepCountryCode=OE&mlfb=6AV6646-1AA22-0AX0>

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM