

SIMATIC HMI OPERATOR SYSTEMS

Product Data Sheet

6AV6646-1AB22-0AX0

industrial thin client panel

FUNCTION industrial thin client panel	FAMILY SIMATIC HMI operator systems	ORIGIN Germany	WEIGHT 6.1 kg
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Siemens SIMATIC HMI 6AV6646-1AB22-0AX0 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	15.4 in; 15"
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 6AV6646-1AB22-0AX0 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 6AV6646-1AB22-0AX0; 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 6AV6646-1AB22-0AX0 before production use.

Match 6AV6646-1AB22-0AX0 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=6AV6646-1AB22-0AX0>

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