

**INDUSTRIAL COMPONENT DATA**

# NYP3A-50000-12WC1000 NYP13234F NYP3A5000012WC1000 OMRON Industrial Panel PC with Intel® Atom™-x6425RE, 32 GB..

Brand: OMRON | Manufacturer Part Number: NYP3A-50000-12WC1000



|                 |                      |
|-----------------|----------------------|
| Manufacturer    | OMRON                |
| MPN / Reference | NYP3A-50000-12WC1000 |
| Catalog number  | NYP3A5000012WC1000   |
| Category        | Panel PC             |
| Minimum order   | 1 Pcs                |
| Document ID     | EO-E36DDC69C9        |
| Generated       | 2026-08-05           |

## Product Overview

Industrial Panel PC with Intel® Atom™-x6425RE, 32 GB RAM (non ECC), No exp. slots, No OS, No Storage, No I/F option, 12.1" (1280x800) capacitive touch

**STRUCTURED PRODUCT DATA**

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

Catalog path **OMRON > PC Industrial > NY**

## Additional Product Information

Screen diagonal12.1 inMax. number of motion axes0Processor familyIntel® Atom™Processor specificationx6425RE (1.9 GHz)Cooling methodPassive cooling (fanless)Memory32 GB RAM (non ECC)StorageNo StorageOperating systemNo OSExpansion slotNo ExpansionModular portNo PortCommunication port(s)EtherNet/IP, Ethernet TCP/IP, USBVideo outputDisplayPort++Material housingAluminium, blackDisplay ratio16:10Number of pixels, horizontal1280Number of pixels, vertical800Type of displayTFTTouchscreen technologyProjected capacitiveMounting methodBuild-inDegree of protection (IP), front sideIP65Operating temperature0-55 °CSupply voltage DC20.4-28.8 VHeight of the front234 mmWidth of the front332 mmHeight of panel cutout216 mmWidth of panel cutout314 mmBuilt-in depth63 mmProduct Weight (unpacked)4700 g

ETIM for 722432 PLC's (EC001414)

Feature Name

Feature Value

Type of display (EF008244)

TFT

Degree of protection (NEMA) (EF011959)

Other

Voltage type (supply voltage) (EF002991)

DC

Preinstalled operating system (EF007535)

None

Degree of protection (IP), front side (EF003118)

IP65

Radio standard UMTS (EF008525)

No

Supporting protocol for EtherCAT (EF017564)

No

Supporting protocol for other bus systems (EF003062)

Yes

Supporting protocol for SERCOS (EF006657)

No

IO link master (EF007298)

No

Rack-assembly possible (EF007018)

No

With floppy disc drive (EF003128)

No

Supporting protocol for KNX (EF003055)

No

Supporting protocol for LON (EF003017)

No

Mouse-cursor control integrated (EF003143)

Yes

Supporting pr...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / NYP3A-50000-12WC1000 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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