

## INDUSTRIAL COMPONENT DATA

# NYP27-50460-12WC1000 NYP10841M NYP275046012WC1000 OMRON Industrial Panel PC with Intel® Core™ i7-7820EQ, 32

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Brand: OMRON | Manufacturer Part Number: NYP27-50460-12WC1000



|                 |                      |
|-----------------|----------------------|
| Manufacturer    | OMRON                |
| MPN / Reference | NYP27-50460-12WC1000 |
| Catalog number  | NYP275046012WC1000   |
| Category        | Panel PC             |
| Minimum order   | 1 Pcs                |
| Document ID     | EO-41A4C44316        |
| Generated       | 2026-08-06           |

## Product Overview

Industrial Panel PC with Intel® Core™ i7-7820EQ, 32 GB DRAM (non-ECC), 128 GB CFast iMLC, WIN 10 IoT 2019 (64-bit), No exp. slots, No I/F option, 12.1

Industrial Panel PC with Intel® Core™ i7-7820EQ, 32 GB DRAM (non-ECC), 128 GB CFast iMLC, WIN 10 IoT 2019 (64-bit), No exp. slots, No I/F option, 12.1" (1280x800) display with capacitive touchscreen, build-in type

## 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® Core™ i7Processor specification7820EQ (3.0 GHz)Cooling methodActive cooling (fan)Memory32 GB RAM (non ECC)Storage128 GB CFast MLCOperating systemWindows 10 IoT Enterprise 2019 LTSC - 64 bitExpansion slotNo ExpansionModular portNo PortCommunication port(s)EtherNet/IP, Ethernet TCP/IP, USBVideo outputDVI-IMaterial housingAluminium, blackDisplay ratio16:10Number of pixels, horizontal1280Number of pixels, vertical800Type of displayTFTTouchscreen technologyProjected capacitiveMounting methodBuild-inDegree of protection (IP), front sideIP65Operating temperature0-55 °CSupply voltageDC20.4-28.8 VHeight of the front234 mmWidth of the front332 mmHeight of panel cutout216 mmWidth of panel cutout314 mmBuilt-in depth80 mmProduct Weight (unpacked)5100 g  
ETIM for 700273 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)

Windows 10

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...

**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send OMRON / NYP27-50460-12WC1000 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

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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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