

INDUSTRIAL COMPONENT DATA

**NYP27-40000-12WC1000 NYP10833M NYP274000012WC1000
OMRON Industrial Panel PC with Intel® Core™ i7-7820EQ, 16**

..

Brand: OMRON | Manufacturer Part Number: NYP27-40000-12WC1000



Manufacturer	OMRON
MPN / Reference	NYP27-40000-12WC1000
Catalog number	NYP274000012WC1000
Category	Panel PC
Minimum order	1 Pcs
Document ID	EO-7A00BF348D
Generated	2026-08-05

Product Overview

Industrial Panel PC with Intel® Core™ i7-7820EQ, 16 GB DRAM (non-ECC), No Storage, No OS, No exp. slots, No I/F option, 12.1" (1280x800) display with

Industrial Panel PC with Intel® Core™ i7-7820EQ, 16 GB DRAM (non-ECC), No Storage, No OS, 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)Memory16 GB RAM (non ECC)StorageNo StorageOperating systemNo OSExpansion 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 voltage DC20.4-28.8 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 700265 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 protocol for....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / NYP27-40000-12WC1000 with the required quantity to info@electricaonline.com or use 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.