

INDUSTRIAL COMPONENT DATA

NYP35-31491-12WC1000 NYP11074A NYP353149112WC1000 OMRON Industrial Panel PC with Intel® Core™ i5-7300U, 8 GB..

Brand: OMRON | Manufacturer Part Number: NYP35-31491-12WC1000



Manufacturer	OMRON
MPN / Reference	NYP35-31491-12WC1000
Catalog number	NYP353149112WC1000
Category	Panel PC
Minimum order	1 Pcs
Document ID	EO-691B8931BD
Generated	2026-08-05

Product Overview

Industrial Panel PC with Intel® Core™ i5-7300U, 8 GB DRAM (non-ECC), 64 GB SSD SLC, WIN 10 IoT 2019 (64-bit), 1 PCIe + 2 drive slots, RS-232C, 12.1" (

Industrial Panel PC with Intel® Core™ i5-7300U, 8 GB DRAM (non-ECC), 64 GB SSD SLC, WIN 10 IoT 2019 (64-bit), 1 PCIe + 2 drive slots, RS-232C, 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™ i5Processor specification7300U (2.6 GHz)Cooling methodPassive cooling (fanless)Memory8 GB RAM (non ECC)Storage64 GB SSD SLCOperating systemWindows 10 IoT Enterprise 2019 LTSC - 64 bitExpansion slot1 x PCIe slot (X2 lanes)Modular portRS-232Communication 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 depth97 mmProduct Weight (unpacked)5600 g
ETIM for 707845 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-cur...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / NYP35-31491-12WC1000 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.