

## INDUSTRIAL COMPONENT DATA

# NYP55-50510-12WC1000 NYP14030F NYP555051012WC1000 OMRON Industrial Panel PC with Intel® Core™ i5-1145GRE (in..

Brand: OMRON | Manufacturer Part Number: NYP55-50510-12WC1000



|                 |                      |
|-----------------|----------------------|
| Manufacturer    | OMRON                |
| MPN / Reference | NYP55-50510-12WC1000 |
| Catalog number  | NYP555051012WC1000   |
| Category        | Panel PC             |
| Minimum order   | 1 Pcs                |
| Document ID     | EO-472EE874A3        |
| Generated       | 2026-08-05           |

## Product Overview

Industrial Panel PC with Intel® Core™ i5-1145GRE (incl.fan), 32 GB RAM (non ECC), No exp. slots, WIN 10 IoT 2021 (64-bit), 128 GB CFast 3DTLC, No I/F option, 12.1" (1280x800) capacitive touchscreen, build-in type  
Industrial Panel PC with Intel® Core™ i5-1145GRE (incl.fan), 32 GB RAM (non ECC), No exp. slots, WIN 10 IoT 2021 (64-bit), 128 GB CFast 3DTLC, No I/F

## STRUCTURED PRODUCT DATA

## Technical Specifications

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

## Classification & Catalog Path

Catalog path OMRON &gt; PC Industrial &gt; NY

## Additional Product Information

Screen diagonal12.1 inMax. number of motion axes0Processor familyIntel® Core™ i5Processor specification1145GRE (2.6 GHz)Cooling methodActive cooling (fan)Memory32 GB RAM (non ECC)Storage128 GB CFast 3DTLCOperating systemWindows 10 IoT Enterprise 2021 LTSC - 64 bitExpansion 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 depth80 mmProduct Weight (unpacked)4700 g  
ETIM for 724782 PLC's (EC001414)  
Feature Name

**Feature Value**

Type of display (EF008244)

TFT

Degree of protection (NEMA) (EF011959)

Other

Preinstalled operating system (EF007535)

Windows 10

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

IP65

Voltage type (supply voltage) (EF002991)

DC

Radio standard UMTS (EF008525)

No

Supporting protocol for PROFI-safe (EF007526)

No

Certified for UL hazardous location class III (EF017627)

No

Supporting protocol for PROFIBUS (EF003052)

No

Radio standard GPRS (EF008523)

No

Mounting type, table foot (EF007019)

No

Supporting protocol for EtherCAT (EF017564)

No

Certified for UL hazardous location class II (EF017625)

No

With hard....

**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send OMRON / NYP55-50510-12WC1000 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**

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