

INDUSTRIAL COMPONENT DATA

NYE2A-20S11-12WR1200 NYE10006D NYE2A20S1112WR1200 **OMRON Touch screen HMI Panel PC with NS Runtime,** **Windows 1..**

Brand: OMRON | Manufacturer Part Number: NYE2A-20S11-12WR1200



Manufacturer	OMRON
MPN / Reference	NYE2A-20S11-12WR1200
Catalog number	NYE2A20S1112WR1200
Category	Panel PC
Minimum order	1 Pcs
Document ID	EO-47B455690C
Generated	2026-08-03

Product Overview

Touch screen HMI Panel PC with NS Runtime, Windows 10 IOT 2021, Intel Atom E3950 CPU, 12 inch, 1 x RS-232C, 2 x Ethernet (10/100/1000 Base-T), 2 x USB

Touch screen HMI Panel PC with NS Runtime, Windows 10 IOT 2021, Intel Atom E3950 CPU, 12 inch, 1 x RS-232C, 2 x Ethernet (10/100/1000 Base-T), 2 x USB 2.0 Ports, 1 x USB 3.0 Port, 128 GB CFAST, 24 VDC, black case

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

Specifications

Software included NS Runtime

Screen diagonal 12.1 in

Frame color Black

Type of display TFT

Display ratio 16:10

Number of pixels, horizontal 1280

Number of pixels, vertical 800

Operating system Windows 10 IoT Enterprise 2021 LTSC - 64 bit

Communication port(s) Ethernet TCP/IP, Serial RS-232C, USB

Degree of protection (IP), front side IP65

Width of the front 340 mm

Height of the front 244 mm

Built-in depth 63 mm

Width of panel cutout 310 mm

Height of panel cutout 221 mm

Product Weight (unpacked) 2400 g

Accessories

FH-VUAB 2M Vision system accessory FH USB cable touch panel 2 m

FH-VUAB 5M Vision system accessory FH USB cable touch panel 5 m

S8BA-24D24D240LF UPS, DIN rail type, DC-DC, 10A, 240W

S8BW-C02 UPS Connection cable (CONTACT)

ETIM for 708975 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 integrated (EF003143)

Yes

Supporting protocol for SUCONET (EF003060...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / NYE2A-20S11-12WR1200 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.