

INDUSTRIAL COMPONENT DATA

NY532-Z300-112445T10 NY510388H NY532Z300112445T10 OMRON AI Machine Controller for 16 axes, Industrial Panel ..

Brand: OMRON | Manufacturer Part Number: NY532-Z300-112445T10



Manufacturer	OMRON
MPN / Reference	NY532-Z300-112445T10
Catalog number	NY532Z300112445T10
Category	Panel PC
Minimum order	1 Pcs
Document ID	EO-9311AF27CE
Generated	2026-08-02

Product Overview

AI Machine Controller for 16 axes, Industrial Panel PC with Intel® Core™ i5-74400EQ, 32 GB RAM (non-ECC), 128 GBx2 SSD-iMLC/pSLC, Windows 10 IoT Enter

AI Machine Controller for 16 axes, Industrial Panel PC with Intel® Core™ i5-74400EQ, 32 GB RAM (non-ECC), 128 GBx2 SSD-iMLC/pSLC, Windows 10 IoT Enterprise 2019 LTSC - 64 bit, PCIe slot, RS-232, 15.4" display with capacitive touchscreen

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

IPC typePanel PCController typeAI Machine ControlMax. number of motion axes16Screen diagonal15.4 inProcessor familyIntel® Core™ i5Processor specification7440EQ (2.9 GHz)Cooling methodActive cooling (fan)Memory32 GB RAM (non ECC)Storage256 GB SSD MLCOperating systemWindows 10 IoT Enterprise 2019 LTSC - 64 bitExpansion slot1 x PCIe slot (X4 lanes)Modular portRS-232Communication port(s)EtherCAT Master, EtherNet/IP, Ethernet TCP/IP, Serial RS-232C, USBVideo outputDVI-IDisplay ratio16:10Number of pixels, horizontal1280Number of pixels, vertical800Type of displayTFTTouchscreen technologyProjected capacitiveMounting methodBuild-inMaterial housingAluminium, blackDegree of protection (IP), front sideIP65Operating temperature0-55 °CSupply voltage DC20.4-28.8 VHeight of the front277 mmWidth of the front401 mmHeight of panel cutout259 mmWidth of panel cutout383 mmBuilt-in depth113 mmProduct Weight (unpacked)7200 g
ETIM for 703565 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)

Yes

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...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / NY532-Z300-112445T10 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.