NY532-1500-112213K20

Industrial automation components

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Manufacturer	Omron
Catalog number	ny532-1500-112213k20
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Processor	Intel Core i7-4700EQ
RAM	8 GB
Storage	128 GB SSD
Display Size	15.4 inches
Display Resolution	1280x800 pixels
Display Type	TFT
Touchscreen Technology	Projected capacitive
Connectivity Options	EtherCAT Master, EtherNet/IP, Ethernet TCP/IP, USB
Housing Material	Aluminum, black
IP Rating	IP65
Operating Temperature Range	0-55 °C
Supply Voltage DC	20.4-28.8 V

Description

The Omron NY532-1500-112213K20 is an industrial panel PC designed for machine control applications, capable of managing up to 64 motion axes. It features an Intel Core i7-4700EQ processor, 8 GB of non-ECC DRAM, and a 128 GB SSD.

The system operates on Windows Embedded Standard 7 (64-bit) and includes a PCIe slot for expansion. The 15.4-inch TFT display offers a 16:10 aspect ratio with a resolution of 1280x800 pixels and utilizes projected capacitive touchscreen technology.

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Connectivity options include EtherCAT Master, EtherNet/IP, Ethernet TCP/IP, and USB ports. The device is housed in a black aluminum enclosure with an IP65-rated front panel, ensuring durability in industrial environments.

It operates within a temperature range of 0-55°C and requires a DC supply voltage between 20.4-28.8 V. The front panel dimensions are 277 mm in height and 401 mm in width, with a built-in depth of 113 mm and a weight of 7,200 grams.