

Enhance your Panel PC solution with integrated OMRON applications



NYSE Embedded Panel PC

The NYE industrial Panel PC offers customers the flexibility to choose the most suitable application solution for their needs. From a Windows-only version with the freedom to install preferred applications to versions that add OMRON software packages for vision systems, 2D code reading or HMI functionality, NYE is designed with durable hardware and software components for long-term use, using high-quality components and innovative mechanical design, and is made to OMRON's highest production standards.



HMI



NYSE Soft-NA

Soft NA allows users to run NA5 HMI applications on an NYE Panel PC. Soft-NA software displays information on FA manufacturing sites while providing a safe, reliable, and easy to maintain industrial display for performing operations as needed.

Vision



NYSE FHV7

FHV7 Software is a software tool for setting up OMRON FHV7 vision systems. Combine image processing applications with data gathering for sophisticated image inspection and data collection using high-speed, high-accuracy inspections and measurement. The FHV7-series Smart Camera combines illumination and image processing functionality for advanced vision inspections.

Windows 10 IoT Enterprise 2021 LTSC



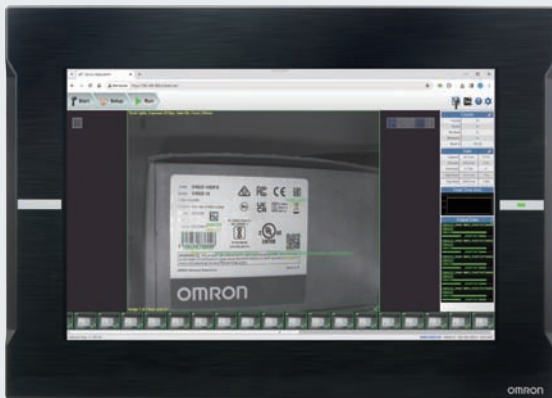
Edge Applications

Control your industrial application from anywhere with any type of Edge device thanks to the Edge controller installed on your OMRON IPC.

Cyber-Security

OMRON continues to work to add secure design processes and product certification. In addition, our IPC opens the possibility of installing packages from the Cybersecurity market.

Code reader



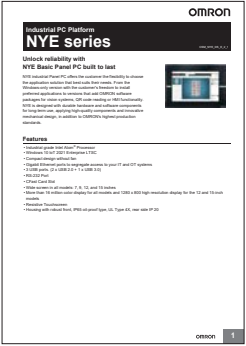
NYE OCR viewer

Component and product traceability are common requirements for today's busy factories and assembly plants. OMRON 2D code readers feature cutting edge technology for decoding 2D symbols and linear barcodes based on OMRON's proven image processing and decoding algorithm development, offering unrivalled performance for reliably decoding challenging codes and direct part marks (DPM).

NYE Platform

Product name	Industrial PC		
Type	Industrial Panel PC		
Model	NYE2A-20511-□	NYE2A-20F11-□	NYE2A-20N11-□
Description	Combines the functionality of the Industrial Box PC and Industrial Monitor		
Operating system	Windows 10 IoT Enterprise 2021 LTSC - 64 bit		
OMRON apps	—	FHV7 Software	Soft NA Software
CPU type	Intel Atom® x5-E3940		
RAM memory	DDR3L 4 GB no ECC		
Storage	128 GB, CFast 3DTLC		
Display size	12.1 inches, 15.4 inches		7.0 inches, 9.0 inches, 12.1 inches, 15.4 inches
Built-in ports	RS-232C, 2 x RJ45 Gb Ethernet interface connectors 10BASE-T/100BASE-TX/1000BASE-T. 2 x USB 2.0 interface connectors 1 x USB 3.0		

Datasheet



The datasheet includes the specifications for the Industrial PC Platform NYE.
For more details, refer to Omron's regional websites.

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Note: Do not use this document to operate the Unit.

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