

Omron-NJ-Ethernet

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Supported Series

OMRON EtherNet/IP NJ / NX1P Series PLC

Website: <http://omron.com>



Certain device drivers will *not* have a list of register names in the DeviceHub Add Tag form. These are *Free Tag* PLCs. For Free Tag requirements, see [Troubleshoot Device Connectivity Status](#).

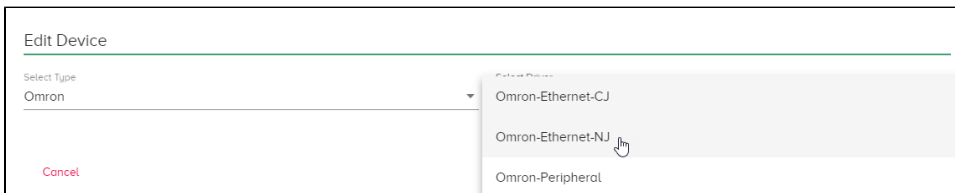
PLC Connection Settings

Parameters	Recommended	Options	Notes
PLC Type	Omron Ethernet NJ		
PLC Interface	Ethernet		
Port #	44818		
Station #	1		

LoopEdge DeviceHub Configuration

To configure DeviceHub for this Omron-NJ-Ethernet PLC:

1. **DeviceHub > Add Device**
Type: Omron
Driver: Omron-NJ-Ethernet



2. Enter details specific to your environment and click **Add Device**.

Edit Device

Select Type: Omron Select Driver: Omron-Ethernet-NJ

Name: _____
This is a Device Name.

Description: omron device _____
This is a description of device.

Network Address: 192.168.0.1 Network Port: 44818
This is a IP Address of device. This is a network port of device.

Device Addresses

Data Type	Range	Description
BOOL	0, 1	Boolean, Single-bit value
SINT	-128 - 127	Char, Signed 8-bit value
USINT	0 - 255	Byte, Unsigned 8-bit value
BYTE	0 - 255	Byte, 8-bit string
INT	-32768 - 32767	Short, Signed 16-bit value
UINT	0 - 65535	Word, Unsigned 16-bit value
WORD	0 - 65535	Word, 16-bit string
DINT	-2147483648 - 2147483647	Long, Signed 32-bit value
UDINT	0 - 4294967295	Double Word, Unsigned 32-bit value
DWORD	0 - 4294967295	Double Word, 32-bit string
LINT	-9223372036854775808 - 9223372036854775807	Long Integer, Signed 64-bit value
ULINT	0 - 18446744073709551615	Long Integer, Unsigned 64-bit value
REAL	-3.402823e+38 to -1.175495e-38 1.175495e-38 to 3.402823e+38	Float, 32-bit IEEE floating point
LREAL	-1.79769313486231e+308 to - 2.22507385850721e-308 2.22507385850721e-308 to 1.79769313486231e+308	Double Float, 64-bit IEEE floating point