

# MX-E

## 959914117

### MX-E45-4-P-2, 4 ports, PNP, WIN10

**"THE MX-E SERIES OF INDUSTRIAL VISION PROCESSORS PROVIDES THE HIGHEST PERFORMANCE IN IMAGE PROCESSING WITH UNMATCHED FLEXIBILITY THROUGH GIGE MULTI-CAMERA CONNECTIVITY SUPPORT."**

# OVERVIEW

- Rugged, industrial, high-powered vision processors
- State-of-the-art processors and the highest-quality, industry leading hardware components
- Three models for different performance levels
- Compatible with a wide range of cameras from VGA up to very high resolution
- Grayscale and Color, Area Scan and Line Scan cameras
- Ethernet (GigE Vision) connectivity and multi-camera support
- Up to eight Power over Ethernet (PoE) camera ports – PoE compliant cameras need no power cables and support up to 100 meter cable lengths
- Universal dongle for easier SW license management
- Complete IMPACT software suite included for ultimate programming flexibility – addresses any inspection and user interface needs
- Long-term product availability

# TECHNICAL FEATURES

Application

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|---|---|
| Description | Vision processor unit |

Generical Data

| | |
|---|---|
| CPU | Intel Celeron 2.4 GHz – dual core |
| System Memory | 8 GB |

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|---|---|
| Storage | 128 GB |
| Graphics | Intel® HD Graphics 510 (1920x1200 resolution) - DisplayPort, DVI |
| Camera Interface | 4x 1000 Mbps Base-T, PoE camera ports (Up to 7 W per channell) |
| Network Interface | 2x LAN ports - 10/100/1000 Mbps Base-T |
| Serial Communications | 1x RS-232 serial port |
| Keyboard/Mouse | 4x USB3.0 ports |
| Comm Connectivity | Supports EtherNet/IP, Profinet, Modbus TCP and OPC |
| I/O | 16 in -16 out, PNP, 200µs response time |
| Operating System | Windows 10 IoT Enterprise LTSC 2021 |
| Power Requirements | 24 +/- 25% VDC |
| Dimensions | 270 (H) x 130 (W) x 255 (D) mm 10.6 (H) x 5.1 (W) x 10 (D) in. |
| Humidity | 5 to 95% (non-condensing) |
| Mechanical Protection | IP20 |
| Certifications (Safety Compliance) | CE/FCC, c-UL-us, KCC |

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