

Simplifying Deployment of IIoT Applications – Axiomtek Din-rail Field Controller ICO310

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Axiomtek Din-rail Field Controller ICO310

Axiomtek, one of the world's leading designers and manufacturers of innovative, high performance and reliable PC-based industrial computer products, has released ICO310, the industry's first field controller with PoE PD function. The ICO310, a robust din-rail IIoT (Industrial IoT) embedded platform, supports low power Braswell Intel® Celeron® processor N3060 1.6 GHz dual-core or N3160 1.6 GHz quad-core with up to 8GB DDR3L system memory, delivering high performance and low power consumption at competitive price. The outstanding Braswell Intel® Celeron® SoC-based embedded field controller offers complete expandability and full featured I/O, including two Gigabit LAN ports, two RS-232/422/485 ports, two USB 2.0 ports, two USB 3.0 ports, one VGA port, and one DIO interface. Two PCI Express Mini Card slots, one SIM card slot and three internal antennas are available for 3G/GPRS and Wi-Fi connections. Its storage interfaces include an SATA SDD, as well as mSATA support on the PCI Express Mini Card slot. Additionally, the wide range 12V-24V DC terminal block power input with overvoltage and reverse protection can lower the risk of data loss under human manipulation. The reliable yet robust ICO310 is a perfect solution for industrial IoT applications such as smart energy, smart factory automation, facility monitoring systems and many more.

Advanced Features:

- Fanless operation and din-rail design
- Supports Intel® Celeron® processor N3060 (1.6 GHz/2-core) or N3160 (1.6 GHz/4-core) Braswell SoC
- 2 RS-232/422/485 ports

- 4 USB ports (2 USB 3.0, 2 USB 2.0)
- 2 isolated 10/100/1000Mbps Ethernet ports
- 1 PoE PD is compliant with IEEE 802.3at standard through LAN 1
- 1 DIO port
- Two PCI Express Mini Card slots and one SIM card slot (3G/GPRS & Wi-Fi)
- Supports 1 mSATA & SATA SSD (or HDD)
- Wide range 12-24V DC-In

For further product information:

<http://www.axiomtek.com/Default.aspx?MenuId=Products&FunctionId=ProductView&ItemId=17533&upcat=134>

Portrait

Founded in 1990, Axiomtek is one of the major design and manufacturing companies in the Industrial PC field. Since its establishment, Axiomtek has successfully gained world wide recognition for its innovative designs and guarantee of total customer satisfaction. At Axiomtek, we design, manufacture, and support award-winning versatile and modularly designed Single Board Computers, Applied Computing Platforms and Touch Panel Computers, so that customers have a single, reliable, cost-effective source. Axiomtek's wide array of CE, FCC & UL certified products include single board computers, embedded systems and barebone systems, panel computers, medical PC, human machine interfaces, and network security appliances. Our worldwide technical support and sales service among our offices located in Taiwan, USA, Europe, Japan, and China to ensure prompt service to customers as well as logistic centers in Taiwan, USA, and China.

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