EdificePlus

A secure, scalable and reliable server platform for
connecting multiple and diverse devices and sub-systems.

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A secure, scalable and reliable server platform for connecting multiple and diverse devices and sub-systems. With Internet connectivity and ability to access through any web browser, the EdificePlus provides integrated control, supervision, data logging, alarm and event management, energy management, historian, and user management. It streams data and displays with HTML5 views, charting and other aspects of data visualization to a standard Web browser via an Ethernet or wireless LAN, or remotely over the Internet.

Features at glance

- Integrates many communication protocols and automation systems including HVAC, lighting, energy, fire & smoke and processing or industrial system

- EdificePlus uses password protection, permission access and information security best practices in order to prevent unauthorized access

- Supported protocols are BACnet/IP, Modbus RTU and Modbus TCP

- It provides ability to setup project, configure, collect data, monitor, command, and perform system analysis from any device through a web browser

- It is simple to configure, and tool-less installation. It has robust security and device management capabilities

- EdificePlus runs on Linux, which is a robust, secured and widely accepted operating system

- On-board isolated RS-485 port for connecting Modbus RTU network

Interested to know more about EdificePlus?
Email us at info@edificedx.ai or visit us at www.edificedx.ai

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EdificePlus

System	
CPU	Intel® Atom® X5-E3930
TDP	6.5 W
# of cores	2
Base Freq.	1.3GHz
Max Turbo Freq.	1.8 GHz
Memory	1 x SO-DIMM, DDR3L 1600 MHz, supports up to 4GB

External Interfaces	
Display	1 x HDMI 1.4, supports up to 3840 x 2160 @ 30 Hz 1 x DP 1.2a, supports up to 4096 x 2160 @ 60 Hz
Ethernet	2 x 10/100/1000 Mbps, RJ45 (2 x Intel i210IT (1Gb)
COM	2 x COM: RS-232/422/485, DB9
USB	4 x USB 3.2 Gen 1, type A 2 x USB 2.0, type A (optional)

Design

Compact size with fanless Design | Robust and cableless design with high stability

Connectivity Support

BACnet, Modbus

Storage

M.2 2242 M-key Socket 64 G M2

Power

Power Input 12 to 24 V DC, 2 pin terminal block

Safety

UL, CB, CCC, BSMI, CE

Security

TPM v2.0 powered by NuvotonNCPT 750 (Optional)

Interface

4G LTE, Wi-Fi (Optional)

Operating System

Ubuntu server 20.04

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