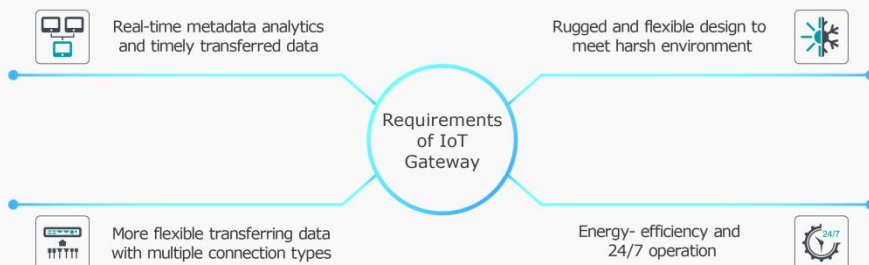


What if You Could Have the Most Suitable Embedded Boards for Your IoT Solution?



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As the Internet of Things (IoT) moves from buzzword to widely utilized, it has emerged more stable-computing industrial computers to connect devices, deliver trusted data to the cloud, and enable analytics. Realizing the need for this newer trend in this industry, DFI's goal is to define and provide a perfect IoT gateway embedded board to process, analyze, store, and deliver data when and where it's needed.

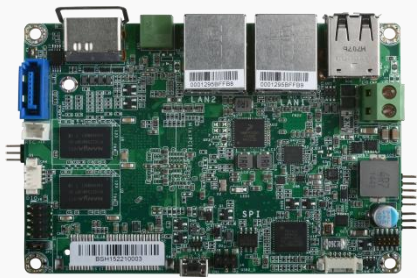


DFI is Rolling out a Rugged IoT Gateway

Developing a gateway with energy-efficient and low power consumption not only makes it possible for a gateway to achieve high stability and longer endurance, but also enables palm-sized and have less heat dissipation problems. The newer embedded board FS053, being in 'Ready to IoT gateway form factor', can achieve the mentioned above dominances and 24/7 non-stop work that is required for bringing efficiency to the IoT solution.

Still able to address the computation, communication, and filter the sensor data, the FS053 is designed with wide voltage (9~36V) and temperature (-20 to 70°C) that can run in multiple applications and areas. Taking a step further, the Pico-ITX is a small form factor with rich I/O ports (2 GbE, 2 COM, 4 USB 2.0, 1 Mini PCIe, 1 SD) that fulfills multiple IoT needs.

2.5" Pico-ITX : FS053



Features:

- NXP Cortex-A9 i.MX6 DualLite/Quad 1.0 GHz
- 9~36VDC wide voltage
- 1GB/2G DDR3L SDRAM memory down
- Dual independent displays: HDMI + LVDS
- Rich I/O: 2 GbE, 2 COM, 4 USB 2.0, 1 Mini PCIe, 1 SD

ARM based series

Another ARM based product is FS051. This cost-effective Pico-ITX comes with ARM based features that are the same as FS053. Although it is a small form factor, FS051 supports rich I/O interfaces (1 GbE, 3 COM, 5 USB 2.0, 1 Mini PCIe, 1 SD, and 1 SIM) that is more suitable for a diversity of applications. Specially, FS051 contains CAN-Bus, which can meet the users' requirements for fewer cables, more reliability, and faster information transmission. Made of high-strength materials and designed for wide temperature, FS051 can also operate in harsh environment.

2.5" Pico-ITX : FS051

**Features:**

- NXP Cortex-A9 i.MX6 DualLite/Quad 1.0 GHz
- 1GB/2G DDR3L SDRAM memory down
- Dual independent displays: HDMI + LVDS
- Expansion: 1 Mini PCIe, 1 SD, 1 SIM (Optional)
- Rich I/O: 1 GbE, 3 COM, 5 USB 2.0, 1 CANBus

DFI continuously develop industrial computers with various beneficial processors for a range of applications. Brand new Pico-ITX with NXP i.MX6 processor enables the partner to be cost-effective, have rapid development of applications for Android and Linux operating systems, and have power-efficient processing capabilities. With DFI's high-value products, we can fulfill a lot of your IoT and embedded computing needs.

Learn More about FS051 & FS053 >

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