

**Example 1**

The unit can fit into a narrow space not large enough for PC installation. In addition, use of CONTEC's wireless LAN micro access point will allow you to install this unit in an area where wiring of LAN cable is difficult. You can also fit it on a mobile body. The unit can operate in an environment with limited power supply.

**Example 2**

By connecting a device module, you can use this unit as a micro controller equipped with I/O or as a programmable Ethernet-based remote I/O.

**Example 3**

The unit can serve as a compact Web monitoring terminal when used in combination with other F&EIT Series models.

## Micro Controller Unit Development Kit

■ CPU SB20(FIT)GY Series  
DTK-SB20(FIT)GY



■ CPU SB10(FIT)GY Series  
DTK-SB10(FIT)GY



### Features

- Along with micro controller unit, FDD, HDD and CD-ROM are also provided standardly for the software development.
- Connection with device modules is supported.
- Built-in AC power supply allows for the utilization of 100VAC commercial power source.
- Low power consumption CPU is used. Air-cooling without blower enables fan less operation.
- Device module access library API-SBP(W32) for Windows is provided as standard equipment.

### ■ SPECIFICATION

Item	Specification	
	DTK-SB20(FIT)GY	DTK-SB10(FIT)GY
Standard Interface	Serial, 100BASE-TX/10BASE-T, Audio (Line output, Microphone input), USB 2, Keyboard, Mouse, F&EIT Bus	Serial, 100BASE-TX/10BASE-T, USB 2, Keyboard, Mouse, F&EIT Bus
Compact Flash slot	TYPE I or TYPE II x1 (for microdrive)	
Floppy Disk Driver	3.5 inch FDD (2 Mode) x1	
Hard Disk	6GB	
CD-ROM	24 times speed	
Power Supply	Input Voltage	100-240VAC
	Power Consumption	20VA
Dimensions (mm)	220(W) x 255(D) x 55(H)	220(W) x 220(D) x 55(H)
Weight	2.7kg	2.4kg

### ■ Option (Module Expansion)

Model Name	Products/Main Function
<b>I/O device module (stack with the F&amp;EIT Bus of main part)</b>	
DI-16(FIT)GY	Isolated Digital Input Module 12-24VDC 16 inputs
DI-16H(FIT)GY	Isolated Digital Input Module 36-48VDC 16 inputs
DO-16(FIT)GY	Isolated Digital Output Module 12-48VDC 16 outputs
DIO-8/8(FIT)GY	Isolated Digital I/O Module 12-24VDC 16 inputs / 16 outputs
DIO-8/8H(FIT)GY	Isolated Digital I/O Module 36-48VDC 16 inputs / 16 outputs
ADI12-8(FIT)GY	Isolated Analog Input Module 12bit A/D convert 8 channels
DAI12-4(FIT)GY	Isolated Analog output Module 12bit D/A convert 4 channels
CNT24-2(FIT)GY	Isolated Counter Module 24bit UP/DOWN counter 2 channels
COM-2(FIT)GY	Serial Communication Module RS-232C 2channels
GP-IB(FIT)GY	GP-IB Communication Module GPIB (IEEE488) 1 channel

Model Name	Products/Main Function
<b>Power supply</b>	
POW-AD13GY	AC-DC Power Supply Unit Input: 85-132VAC Output: 5VDC 3A
POW-AD22GY	AC-DC Power Supply Unit Input: 85-264VAC Output: 5VDC 2A
POW-AD25GY	AC-DC Power Supply Unit Input: 85-264VAC Output: 5VDC 4.6A(230VAC) / 4.2A(115VAC)
POW-DD10GY	DC-DC Power Supply Unit Input: 10-30VDC Output: 5VDC 3A
POW-DD43GY	DC-DC Power Supply Unit Input: 30-50VDC Output: 5VDC 3A
POA-AD22	AC Adapter (Cable Length: 1.4m) Input: 90-264VAC Output: 5VDC 2A