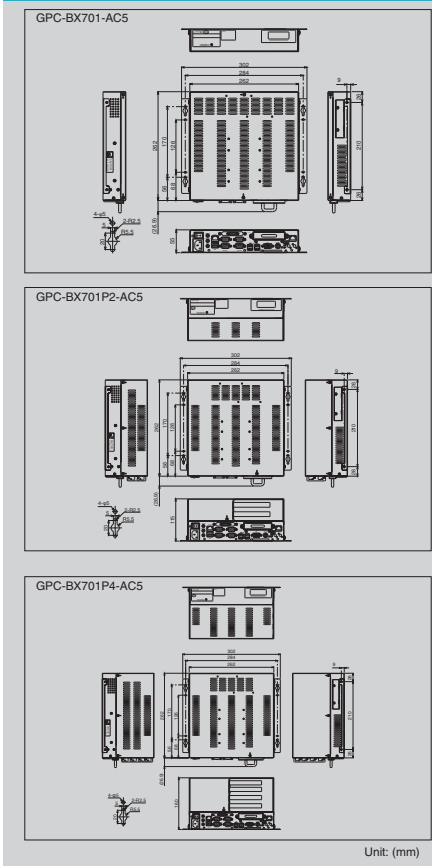


## Specifications

Model	GPC-BX701-AC5 [IPC-BX701-AC5] GPC-BX701P2-AC5 [IPC-BX701P2-AC5] GPC-BX701P4-AC5 [IPC-BX701P4-AC5]
CPU	Ultra Low Voltage Intel® Celeron® M Processor 1.0GHz (FSB400MHz)
Chipset	Intel® 855GME
Main Memory	1GB (1x 2.5V 184-pin DDR SDRAM PC2700 DIMM Socket)
PC Card slot	-
Compact Flash	1x Bootable CF Card Type I (dedicated to memory card, Secondary-IDE Slave)
Wired LAN	LAN1: 100BASE-TX/10BASE-T RJ-45 connector LAN2: 100BASE-T/10BASE-TX/10BASE-T RJ-45 connector
Expansion slots	GPC-BX701-AC: None GPC-BX701P2-AC: 2 x PCI/ISA slots GPC-BX701P4-AC: 2 x PCI/ISA slots, 2 x PCI slots Installable board length: 240mm (max)
Supported Resolution	640x480(16,770,000 colors), 800x600(16,770,000 colors), 1,024x768(16,770,000 colors), 1,280x1,024(16,770,000 colors), 1,600x1,200(16,770,000 colors)
CRT I/F	1x Analog RGB (15-pin HD-SUB connector), 1x LVDS (26-pin Half-pitch connector)
Keyboard I/F	-
Mouse I/F	PS/2 (6-pin mini-DIN connector)
FDD I/F	-
IDE I/F	Primary: Ultra DMA/100, One 2.5-inch IDE HDD or silicon disk drive mounted [Primary IDE Master]; Secondary: Dedicated 40-pin, half-pitch connector (for an optional CD-ROM/DVD-ROM drive) (Side in the right) RS-232C (general-purpose); 4ch (SERIAL PORT1, 2, 3, 4) 9 pin D-SUB connector, Baud rate: SERIAL 1, 2 is 50-115,200bps, SERIAL 3, 4 is 50-230,400bps
Serial I/F	-
Parallel I/F	-
USB I/F	6ch USB 2.0-compliant
General-purpose I/O	-
Audio	AC97 compliant; Line In: Ø3.5 Stereo mini jack, Full-scale output level 1.6Vrms(Typ.); Line Out: Ø3.5 Stereo mini jack, Full-scale output level 1.5Vrms(Typ.), Dual 50mW Amplifier; MIC Input: Ø3.5 Stereo mini jack, Full-scale output level 1.6Vrms(Typ.)
RTC function	WDT: software programmable, 255 level (1sec to 255sec); RESET when time-up occurs
RTC/CMOS	Lithium backup battery life: 10 years or more, RTC precision (25°C): ±3 min. per month (RTC included in the ICH4)
Supported OS	Windows XP Professional, Windows XP Embedded
Power Supply / Allowable Instantaneous Power Outage	85 - 132VAC/170 - 265VAC(47 - 63Hz) auto switching / Less than 20ms
Current Consumption (Max.)	GPC-BX701-AC5: 50VA GPC-BX701P2-AC5: 90VA GPC-BX701P4-AC5: 115VA
Dielectric Strength	1 minute each for AC2.0kV (input - FG) 20mA
Insulation Resistance	50MΩ (500VDC)
Operating / Storage Temp / Humidity	Using SDD: 0-50°C / Using HDD: 5-45°C / -10-60°C / 10-90%RH (no condensation)
Floating Dust Particles/Corrosive Gases	IP20 (Normal) / None
Noise resistance	Static electricity Contact discharge / ±4kV (IEC61000-4-2Level2, EN61000-4-2Level2), Atmospheric Discharge / ±8kV (IEC61000-4-2Level3, EN61000-4-2Level3) Line-noise AC line/±2kV, Signal line/±1kV (IEC61000-4-4Level3, EN61000-4-4Level3)
Vibration Resistance	Sweep Resistance 10-57Hz/semi-amplitude 0.15mm 57-150Hz 2.0G, 40min each in x, y, and z directions (JIS C60068-2-6, IEC60068-2-6 compliant)
Impact Resistance	10G, half-sine shock for 11ms in x, y, and z directions (JIS C60068-2-27, IEC60068-2-27 compliant)
Grounding	Class D grounding (previous class 3 grounding)
Dimensions (mm)	GPC-BX701-AC5: 262(W)×262(D)×55(H) GPC-BX701P2-AC5: 262(W)×262(D)×115(H) GPC-BX701P4-AC5: 262(W)×262(D)×160(H)
Weight	GPC-BX701-AC5: Approx. 3.3kg GPC-BX701P2-AC5: Approx. 4.0kg GPC-BX701P4-AC5: Approx. 4.6kg
Notes	*1: When using Windows operating systems.

## Dimensions



## Related G series Products

### I/O Controller Module

#### GPU-CA10(USB)GY [CPU-CA10(USB)GY]



Included Software:  
• API-USBP(WDM)- Driver  
library for Windows

### Features

- Power saving and low heat-generating CPU. Compact design for minimal installation space.
- Used to configure PC-based remote I/O system via USB. Wide-range of stack connected device modules to choose from.

### I/O Controller Module

#### High-speed/high-performance model

#### GPU-CA20(FIT)GY [CPU-CA20(FIT)GY]

#### GPU-CA10(FIT)GY [CPU-CA10(FIT)GY]



Included Software:  
• API-CAP(W32) - Driver library for Windows  
(for use with all F&EIT products)  
• FIT-SVR(W32) - DDE, SuiteLink server  
• Utility Software - for node setting and firmware updates

### Features

- Power-saving and low heat-generating CPU
- Fanless operation
- Compact design allows for flexible installation sites
- Controls stack-connected device modules
- Can serve as the controller of a subsystem in a web-enabled I/O system when used with an I/O assist server / monitor and a control server
- Compliant with our multi-programmable display unit ACTIVE TOUCH, it can be used as a dedicated remote I/O device

Product Name	Equivalent Model	Description	Expansion Slots
GPC-BX700-AC4	IPC-BX700-AC400	BOX-PC with CeleronM 1.0GHz	N/A
GPC-BX700P2-AC4	IPC-BX700P2-AC400		2 x PCI/ISA
GPC-BX700P4-AC4	IPC-BX700P4-AC400		2 x PCI, 2 x PCI/ISA

## Latest G series Products

Product Name	Equivalent Model	Description	Expansion Slots
GPC-BX900-AC5	IPC-BX900-AC500	BOX-PC with CoreDuo 1.66GHz, 1GB, Dual GbE, VGA&LVDS	N/A
GPC-BX900P2-AC5	IPC-BX900P2-AC500	BOX-PC with CoreDuo 1.66GHz, 1GB, Dual GbE, VGA&LVDS	1xPCIe, 1xPCI
GPC-BX900P4-AC5	IPC-BX900P4-AC500	BOX-PC with CoreDuo 1.66GHz, 1GB, Dual GbE, VGA&LVDS	2xPCIe, 2xPCI
GPC-BX950T1-DC5	IPC-BX950T1-DC500	25mm Ultra Slim, Fanless Core Duo BOX PC w/Twin CF, Dual GbE	N/A
GPC-BX950T2-DC4	IPC-BX950T2-DC400	25mm Ultra Slim, Fanless Celeron M BOX PC w/Twin CF, Dual GbE	N/A