

Small Footprint / Fan-less / Two Low Profile PCI slots
Highly reliable in extreme environments

BX 840 Series



Ultra Low Voltage Celeron® M 800MHz
Box-PC 840 series

Ultra Low Voltage Celeron M 800MHz

- Chip Set: 852GM
- Main Memory: 512MB DDR SDRAM
- FAN-less
- LVDS
- Analog RGB
- LAN
- Audio

NEW

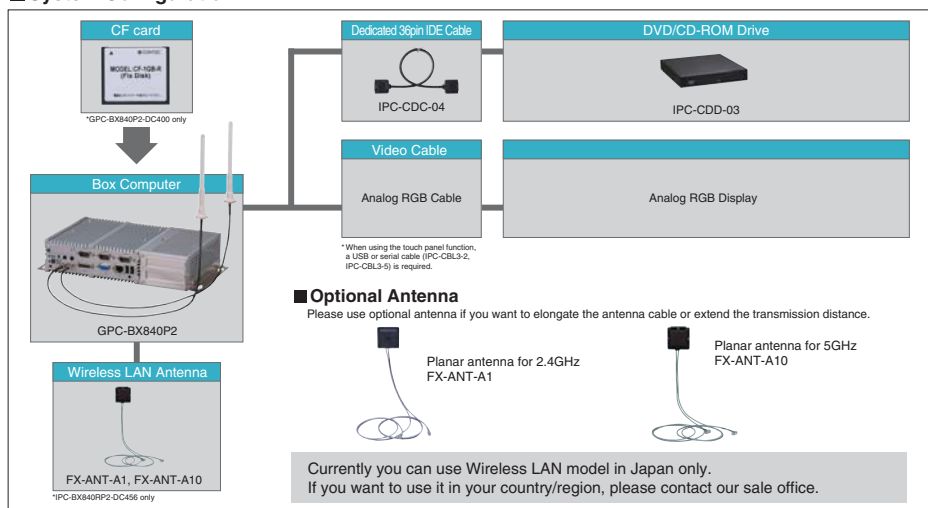
Please see page 14 for specifications
Dimensions on Page 14

Model	Storage	OS	Expansion Slots	Memory	
GPC-BX840P2-DC400	No CF	-	Low Profile	Standard 512MB	[JP-model: IPC-BX840P2-DC400]
GPC-BX840P2-DC45F	CF 2GB	Windows® XP Embedded			[JP-model: IPC-BX840P2-DC45F]
IPC-BX840RP2-DC456 * (Wireless LAN)	CF 2GB	Windows® XP Embedded (Japanese)			

*: Windows XP Embedded preinstall (Compact Flash) model includes recovery CD-ROM and driver & utility set CD-ROM [IPC-SLIB-01].

CD version user's manuals are included with the units. Optional CD-ROM / DVD-ROM drives are available.

System Configuration



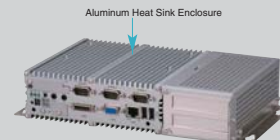
BX 840 Series Features

PCI Bus slot of Low Profile size

Two Low Profile [140mm (l) x 63.41mm (h)] PCI boards can be installed in the expansion slots.

Stable operation at +50°C

The system's radiant structure ensures a stable operation at +50°C.



5G vibration and 15G impact resistance

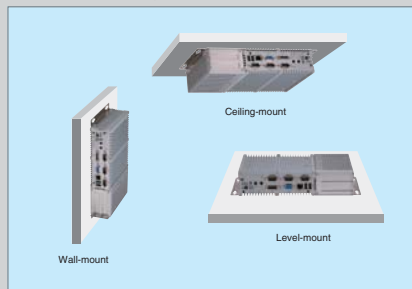
It's 5G vibration and 15G impact resistance allows for installation in a variety of environments.

Quiet and highly reliable

Fan-less design and the use of a CF card for storage creates a quiet and highly reliable system.

Various installation methods available

Since CF card and sealed structure free the products from inst ton limitations. They can be installed on a ceiling, wall or floor using the included metal mounting brackets.

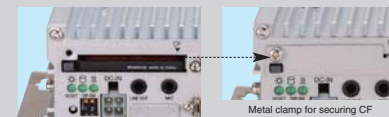


Secure design

Includes installation locking clamps and a metal clamp for securing the CF card against accidental disconnections.



Example of installation locking clamps



Metal clamp for securing CF

Wireless LAN security

The IPC-BX800 series includes WSL, the original cryptographic code as well as WPA and WEP, making it ideal for business use. This system can also be used with CONTEC wireless LAN products to provide an enterprise-wide solution.

Fail-safe Automatic Shut Down

If there are power voltage or temperature problems, these systems automatically shut down according to the user's setting. CMOS data, retained in the EEPROM allows the system to start up even when the battery isn't functioning. Windows® XP Embedded EWF function allows the power to be switched off without shutting down the system.

* Only data in EWF function partitions can be saved.
** If the power is shut down when you are renewing the data is not effective for EWF. file systems are likely to be broken. Please note.

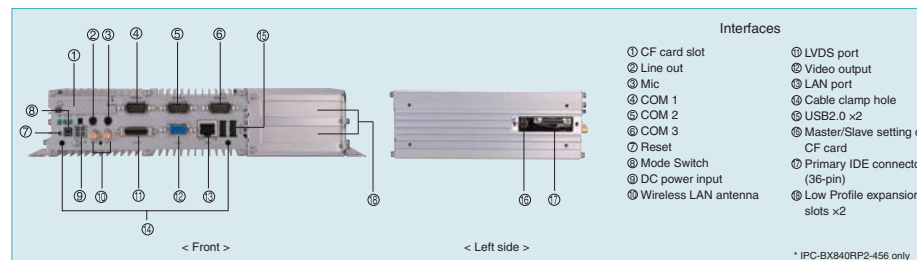
Wide range power supplies (12 - 24VDC)

The BX-840 Series support a wide range of power supplies (12 - 24VDC). Power can even be supplied from a battery inside a mobile device.

All interfaces are located at the front panel for ease of operation

The BX 840 Series feature a wide variety of interfaces, including two USB 2.0 ports, three RS-232C ports and 100BASE-TX LAN. They have both analog RGB and LVDS video interfaces to provide dual view capability.

Interfaces



Optional Accessories

Name	Description	Name	Description
CD-ROM/DVD-ROM drive		CF card (only for GPC-BX840P2-DC400)	
IPC-CDD-03 **	CD-ROM/DVD-ROM drive	GCF-1GB-A	CF 1GB (Industrial grade: -40 ~ 85°C)
Cable		GCF-2GB-A	CF 2GB (Industrial grade: -40 ~ 85°C)
IPC-CDC-04	IDE cable for IPC-CDD-03	GCF-4GB-A	CF 4GB (Industrial grade: -40 ~ 85°C)
		GCF-8GB-A	CF 8GB (Industrial grade: -40 ~ 85°C)