# BP-864

## High Performance Compact Box System

**FEC**

# BP-864

**BP-864, the world's first box system that is a compact pc and an All-in-One POS when integrated with a monitor, fulfills it all for various types of business solutions.**

BP-864 equips with latest Intel® H81 Chipset and offers selections of Intel® Celeron®, Core i3 or Core i5 processors for flexible applications. With FEC revolutionary design, BP-864 delivers the best modularity. Optional 2nd I/O interfaces provide more availabilities to fit various situations. BP-864 is the ideal choice for all retailers and hospitality business.

2in1 MSR + Fingerprint Reader

2in1 MSR + iButton

2in1 MSR + RFID

RFID

Fingerprint Reader

iButton

MSR

Standard Type

Type C: COM Port (RJ45) + Power USB

Type G: Power USB

Type K: COM Port (DB9) + Power USB

## Features

CPU box and case can be easily detached to upgrade and maintain.

One step access to the SATA HDD or SSD for easy serviceability.

Supported M.2 socket interface.

- Combine BP-864 with AerMonitor and other add-on devices for a complete point of sale solution.

- Multiple I/O interface choices for different applications

- Can be used as a kiosk engine to power self-service solutions

- Modular design for easy servicability

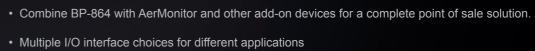Power button, hard disk indicator and USB port is located in the front face for quick maintenance.

The thermal fin design on BP-864 increases heat transfer effectiveness, keeping it cool

BP-864 can be easily mounted onto any flat surface.

It is extremely compact measuring at 29 centimeters in width, 4.3 centimeters in height and 22.6 centimeters in depth.

BP-864 weighs only 2.8 kilograms

BP-864 CPU box can be integrated to various sizes of FEC Aer Panel PC.

# Specifications

| Model | BP-864 |
|---|---|
| Processor | Intel® Celeron G1820TE 2.20GHz<br>Intel® Core i3-4330TE 2.40 GHz<br>Intel® Core i5-4590T 3.0 GHz |
| System Memory | 1 x 2GB Standard, Maximum 16GB (2 x 8GB 204-pin DDR3L-1600) |
| Power Supply | 150W (12V / 12.5A)  External Power Adaptor |
| Storage Device | 1 x 2.5" SATA HDD or SSD |
| Second Storage | Optional M.2 Storage Device |
| Construction | Aluminum Die-casting + Plastic |
| Housing Color | Black with Silver Trim |
| **I/O Ports** | |
| Serial Port | 1 x External: COM1 (RJ45) with RI / 5V / 12V Selectable |
| USB Port | 5 x External (Rear USB 2.0 x 2, USB 3.0 x 2; Front USB 2.0 x 1) |
| Powered USB Port | 1 x 24V |
| Cash Drawer Port | 1 x RJ11 (12V / 24V) |
| LAN Port | 1 x RJ45 Gigabit LAN |
| Video Port | 2 x |
| DC Input | 1 x 12V DC |
| DC Output | 1 x 12V DC Jack  2.5 mm |
| **Optional I/O Board (Factory Install Only)** | |
| Type C | 2 x Serial Port: COM 2 & COM 3 (RJ45) RI / 5V / 12V Selectable; 1 x 12V Powered USB Port |
| Type G | 3 x 12V Powered USB Port |
| Type K | 1 x Serial Port: COM 2 (DB9) RI / 5V / 12V Selectable; 2 x 12V Powered USB Port |
| **OS Supported** | |
| Windows | Windows 7, Windows Embedded POSReady 7, Windows 8.1, Windows Embedded 8.1 Industry, Winodws 10 Enterprise |
| **Dimensions & Weight** | |
| Product (W x H x D) | 290 x 43 x 226 mm, 2.8 Kg |
| With Carton (W x H x D) | 510 x 144 x 328 mm, 4.7 Kg |
| **Operation Conditions** | |
| Operating Temperature | 0˚C ~ 40˚C (32˚F ~ 104˚F) |
| Storage Temperature | 20˚C ~ 60˚C (-4˚F ~ 130˚F) |

*Specifications are subject to change without notice.