



# FPC-7000

Robust Box PC with Intel® Celeron® M 440 Platform

Computer on Module

Compact Board

Slot Board

Industrial Motherboard

Wide Temperature

SBC Daughterboard / Power Converter / Mounting Kit

Rugged Tablet PC

Medical PC

Industrial Panel PC/Monitor

Box PC

Industrial Chassis / Backplane / Power supply



## Features

- Fanless Design
- Support Various Video Interface (Analog RGB, DVI, TV-out)
- Reserved Space for Optical Disc Drive
- Support DDR2 DIMM up to 4GB

## System

<b>CPU</b>	Intel® Celeron® M 440 1.86GHz CPU with 533MHz FSB
<b>Memory</b>	2 x 240-pin un-buffered DDR2 DIMM Sockets up to 4GB at 400/533/667MHz
<b>Chipset</b>	Intel® 945GME + ICH7M
<b>Graphics</b>	Integrated with Intel® Graphics Media Accelerator (GMA950)
<b>ATA</b>	1 x Ultra ATA100 2 x Serial ATA ports with 150MB/s HDD transfer rate
<b>LAN Chipset</b>	2 x Intel® 82573V Gigabit Ethernet controllers
<b>Watchdog Timer</b>	1 ~ 255 levels reset

## I/O

<b>Serial Port</b>	1 x DB-9 female connector for RS-232 1 x DB-9 female connector for RS-232/422/485 selectable port
<b>USB Port</b>	8 x USB 2.0 ports
<b>LAN</b>	2 x RJ-45 ports for Gigabit Ethernet
<b>Video Port</b>	1 x DB-15 female connector for Analog RGB 1 x DVI-D female connector for Digital Video Output
<b>TV-out</b>	1 x S-Video, 1 x Composite Video output
<b>Audio</b>	Mic-in/Line-in/Line-out
<b>KB/MS</b>	2 x 6-pin Mini-DIN for Keyboard and Mouse
<b>Expansion Bus</b>	1 x Mini PCI slot

## Environmental

<b>Operating Temp.</b>	0 ~ 40°C (32 ~ 104°F), ambient w/ air flow
<b>Storage Temp.</b>	-40 ~ 85°C (-4 ~ 185°F)
<b>Relative Humidity</b>	10 ~ 95% @ 40°C (non-condensing)
<b>Vibration</b>	3 Grms/5~500Hz/random operation
<b>Shock &amp; Crash</b>	Operating 20G (11ms), Non-operating 40G with HDD Operating 40G (11ms), Non-operating 60G with CF/SSD Crash 80G (11ms)

## Qualification

<b>Certification</b>	CE, FCC
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## Power Requirement

<b>Power Input</b>	DC 12V (w/ 1-pin power jack)
<b>Power Consumption</b>	60W (Max.)

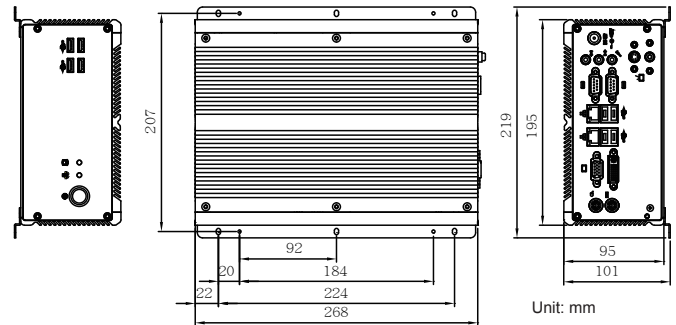
## Storage

<b>Type</b>	(1 x 2.5" HDD + ODD) or 3.5" HDD (SATA) 1 x CompactFlash Type II Socket
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## Mechanical

<b>Construction</b>	Aluminum alloy
<b>Mounting</b>	Support wall-mounting, Din rail mounting
<b>Weight</b>	4.5 kg (9.9 lb)
<b>Dimensions (W x D x H)</b>	195 x 268 x 95 mm (7.68" x 10.55" x 3.74")

## Drawing



## Ordering Information

<b>FPC-7000/CM1860</b>	Barebone system w/ Celeron® M 440
<b>FPC-7000/CM1860-ODD</b>	Barebone system w/ Celeron® M 440, Optical Disc Drive
<b>DRK-001</b>	Din rail kit of FPC series
<b>WМК-7000</b>	Wall-mount kit of FPC-7XXX
<b>PAC-B080W</b>	80W AC/DC adapter kit

All specifications are subject to change without notice.