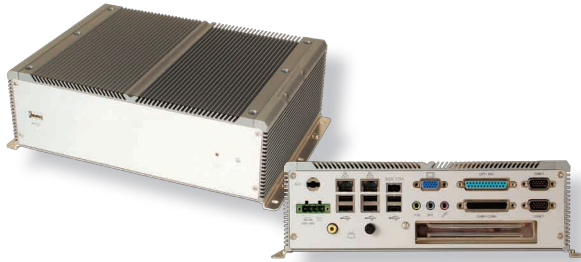




# FPC-5100

Robust Box PC with Intel® Socket M Core™ 2 Duo Platform



## Features

- Flexible Cooling System (Fanless Operating or Hot-swappable Active Fan)
- Wide Range DC Power Input (10 ~ 28V)
- Rugged Design for Shock/Vibration Protection
- Rich Onboard I/O and Expansion Slots (1 x PCI, 1 x Mini-card)
- Easy Installation/Maintenance
- Support DDR2 DIMM up to 4GB

## System

<b>CPU</b>	Support Intel® Socket M Core™ Duo/Core™ 2 Duo CPU with 533/667MHz FSB Support Intel® Celeron® M 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>	2 x Serial ATA ports with 150MB/s HDD transfer rate
<b>LAN Chipset</b>	2 x Realtek RTL8111B Gigabit Ethernet controllers
<b>Watchdog Timer</b>	1~255 levels reset

## I/O

<b>Serial Port</b>	1 x DB-44 female connector supports 4 x RS-232 ports (COM1~4) 2 x DB-15 female connectors support 2 x RS-422/485 ports (COM5~6)
<b>USB Port</b>	7 x USB 2.0 ports
<b>IEEE 1394a Port</b>	1 x IEEE 1394a
<b>LAN</b>	2 x RJ-45 ports for Gigabit Ethernet
<b>Video Port</b>	1 x DB-15 female connector for Analog RGB
<b>Selectable Port</b>	Either of Digital I/O or LPT 1 x 16-bit Digital, I/O 8 in/8 out SPP/EPP/ECP mode for LPT
<b>TV-out</b>	1 x S-Video, 1 x Composite Video Output
<b>Audio</b>	Mic-in/Line-in/Line-out
<b>Expansion Bus</b>	1 x PCI slot w/ riser card 1 x Mini-card slot

## Environmental

<b>Operating Temp.</b>	FPC-5100: -20 ~ 55°C (-4 ~ 131°F) (ambient w/ air flow) FPC-5100A: -20 ~ 70°C (-4 ~ 158°F) (ambient w/ air flow)
<b>Storage Temp.</b>	-40 ~ 85°C (-4 ~ 185°F)
<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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All specifications are subject to change without notice.

## Power Requirement

<b>Power Input</b>	DC 10V~28V input (w/ 4-pin DC input terminal block combine remote power on/off switch)
<b>Power Consumption</b>	60W (Max.)

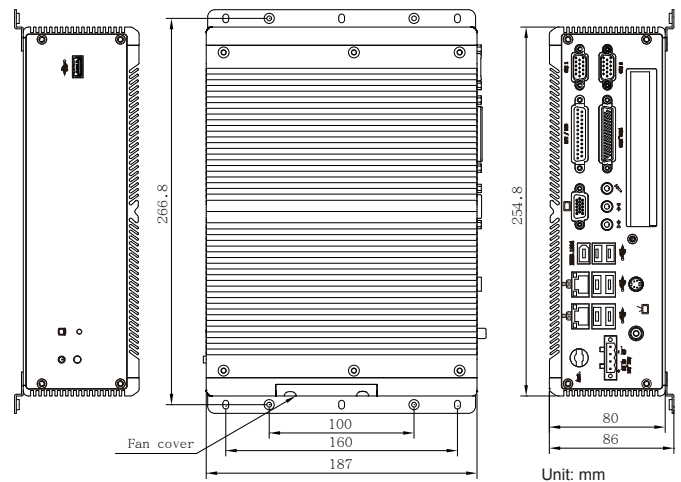
## Storage

<b>Type</b>	1 x 2.5" drive bay for HDD/SSD 1 x CompactFlash Type II Socket
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## Mechanical

<b>Construction</b>	Aluminum alloy
<b>Mounting</b>	Support wall-mounting
<b>Weight</b>	3.7 kg (8.14 lb)
<b>Dimensions (W x D x H)</b>	254.8 x 187 x 80 mm (10.03" x 7.36" x 3.15")

## Drawing



## Ordering Information

<b>FPC-5100/CM1860</b>	Barebone system w/ Celeron® M 440
<b>FPC-5100A</b>	Barebone system w/ hot-swappable cooling fan
<b>DRK-001</b>	Din rail kit of FPC series
<b>WMK-5000</b>	Wall-mount kit of FPC-51XX
<b>CBL-5100-COM</b>	COM converter cable (1*44-pin male to 4*DB-9 female + 1 x DB-9 female) L=200mm
<b>PAC-B120W</b>	120W AC/DC adapter kit

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