

Fanless Mini IPC Rugged Core2 Duo CPU- Extended Temperature



Features

- Rugged Mini-IPC for extended Temperature Range -30...+70 ° C
- Penryn /Merom Intel Core™ 2 Duo & Celeron CPU - Socket P
- Intel GM45 + ICH9M Chipset
- FSB 667/1066 MHz
- Dual GB LAN
- LCD/TV / HDMI / DVI Out / Analog RGB
- CF Slot
- Protected against Shock & Vibration
- Wide Range DC-Power In 10-28 VDC

System

CPU	Intel® Core™ 2 Duo processor P8400 2.26 GHz with 1066MHz FSB, 3M cache
Memory	2 x 200-pin Dual Channels DDR2 SO-DIMM Sockets up to 4GB at 667/800MHz (2GB WT DDR2-800 SDRAM installed by default)
Chipset	Intel® GM45 + ICH9M
Graphics	Intel® GM45 integrated GMA X4500, support DirectX 10, Shader Model 4.0
ATA	2 x Serial ATA port with 300MB/s HDD transfer rate
LAN Chipset	2 x Realtek RTL8111C Gigabit Ethernet controllers
Watchdog Timer	1~255 levels reset

I/O

Serial Port	1 x DB-44 female connector 3 x RS-232 ports 1 x RS-232/422/485 selectable port
USB Port	8 x USB 2.0 ports
LAN	2 x RJ-45 ports for Gigabit Ethernet
Video Port	1 x DB-15 female connector for Analog RGB 1 x Displayport
TV-out	1 x 6-pin Mini-DIN connector for S-Video output, or Composite output via external cable
Selectable Port	Either DVI or Digital I/O or LPT 1 x DVI-D female connector for Digital Video output 1 x 16-bit digital I/O, 8 in/8 out SPP/EPP/ECP mode for LPT
Audio	Mic-in/Line-out (6W pre-amplified)
KB/MS	1 x 6-pin Mini-DIN for Keyboard and Mouse
Expansion Bus	1 x PCI slot w/ riser card 1 x Mini-card slot

Environmental

Operating Temp.	-40 ~ 70°C (-40 ~ 158°F), ambient w/ air flow
Storage Temp.	-40 ~ 85°C (-40 ~ 185°F)
Relative Humidity	10 ~ 95% @ 40°C (non-condensing)
Vibration	3 Grms/5~500Hz/random operation
Shock & Crash	Operating 20G (11ms), Non-operating 40G with HDD Operating 40G (11ms), Non-Operating 60G with CF/SSD Crash 80G (11ms)

Power System

Power Input	DC 10V~28V input (4-pin DC input te remote power on/off switch)
Power Consumption	60W (Max.)
Power adapter	120W AC/DC adapter

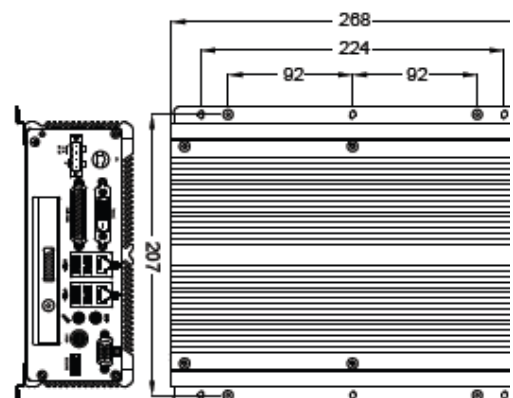
Storage

Type	1 x 2.5" drive bay for HDD/SSD 1 x CompactFlash Type II Socket (ou
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Mechanical

Construction	Aluminum alloy
Mounting	Wall-mount(Default integrated)/Din ra
Weight	3.9 kg (8.6 lb), w/o storage device
Dimensions (W x D x H)	195 x 268 x 80 mm (7.68" x 10.55" x :

Drawing



Mini-IPC Rugged / P-8400 Seagate Extreme HDD 80GB

Rigid-730	Fanless Embedded controller
DRK-001	Din rail mounting kit of FPC series
SSD-25080	Intel® 2.5" 80GB SATAII SSD kit