



Robust Box PC with Intel® Atom™ N270 Platform



Features:

- Ultra Low Power and Fanless Design
- Support Dual Independent Display via Analog RGB and DVI Port
- Support Outside Accessible CF Slot
- Wide Range DC Input Power
- Wide Operating Temperature Range (-20 to +70°C.)
- Ultra Low Profile Enclosure
- Rugged Design for Shock/Vibration Protection
- Easy Installation /Maintenance



Storage

Type 1 x 2.5" drive bay for HDD/SSD
1 x CompactFlash Type II Socket which can be outside accessible

Qualification

Certification CE, FCC

Power Requirement

Power Input DC 10V~28V (w/ 1 x 2-pin DC input terminal block)
Power Consumption 25W (Max.)



System

CPU Soldered onboard Intel® Atom™ N270 1.6GHz CPU with 533MHz FSB
Memory Soldered onboard 1GB DDR2-533 SDRAM
Chipset Intel® 945GSE + ICH7M
Graphics Integrated Intel® GMA950 GFx Core in 945GSE GMCH
ATA 1 x Serial ATA port with 150MB/s HDD transfer rate
LAN Chipset 2 x Realtek 8111C Gigabit Ethernet controllers
Watchdog Timer 1~255 levels reset

I/O

Serial Port 1 x RS-232 ports with RJ-45 connector
2 x RS-232/422/485 selectable ports with RJ-45 connector
USB Port 6 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 DVI-D female connector for Digital Video Output
Audio Mic-in/Line-in/Line-out (6W pre-amplified)
Expansion Bus 1 x Mini-card slot

Environmental

Operating Temp. -20 ~ 70°C (-4 ~ 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 60G with HDD
Operating 40G (11ms), Non-Operating 80G with CF/SSD
Crash 100G (11ms)

Mechanical

Construction: Aluminum alloy

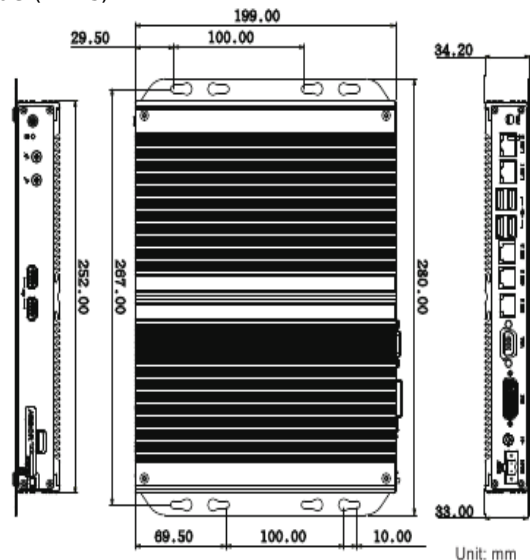
Mounting:
- Wall-mount
- VESA-mount
- Din rail mounting

Weight:
1.89 kg, 4.16 lb
(Bare-bone)

Dimensions:
252 x 199 x 33 mm
9.92" x 7.83" x 1.3"
(W x D x H)

Ordering Information

IPC-3100	Barebone system w/o storage device
IDK-001	Din rail kit of IPC-3100
IWK-3100	IPC-3100 wall-mount kit
IVK-3100	IPC-3100 VESA-mount kit
ICL-3100-COM	COM converter cable (1*RJ-45 to 1*DB-9) L=195mm
t.b.d.	AC/DC adapter kit
t.b.d.	SATA-II solid state disk (SSD)
t.b.d.	CF - card



All specifications are subject to change without notice.