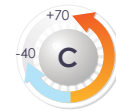


Rigid-314



Extreme Rugged, Intel® Atom™ Processor D2550, Fanless Embedded Controller



Features

- **Wide Operating Temperature (-40 ~ 70°C)**
- **Ultra Low Power and Fanless & Cable Less Design**
- Wide-Range DC Power Input (10 ~ 32V)
- Over-voltage and Reversed Power Input Protection
- Outside Accessible CFast and SIM Slots
- Dual DVI Port Output
- RS-485 Auto-flow supported
- Easy Installation/Maintenance
- Intel® SSD compatible

System

CPU	Soldered onboard Intel® Atom™ Processor D2550 1.86GHz
Memory	1 x 204-pin DDR3 SO-DIMM socket, supporting 800/1066MHz SDRAM up to 4GB 2GB WT DDR3 memory module installed
Chipset	Intel® NM10 PCH
Graphics	Integrated Intel GMA 3650
ATA	1 x Serial ATA port with 300MB/s HDD transfer rate
LAN Chipset	2 x Realtek 8111 GbE controllers
Watchdog Timer	1~255 levels reset

I/O

Serial Port	4 COM ports (2 x RS-232, 2 x RS-232/422/485 configurable ports w/ DB-44 pin connector)
USB Port	6 x USB 2.0 ports
LAN	2 x RJ-45 ports for GbE
Video Port	1 x DVI-I female connector for Digital Video Output 1 x DVI-D female connector for Digital Video Output
Digital I/O	1 x 6-bit digital I/O, 3-in/3-out
Audio	Line-out
Expansion Bus	1 x Mini-card slot interconnected with SIM card socket for optional Wi-Fi or HSUPA module 1 x SIM card socket

Environmental

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

Qualification

Certification	CE, FCC Class B
Power Requirement	
Power Input	DC 10~32V input (w/ 3-pin DC input terminal block)
Power Consumption	Max. 30W

Storage

Type	1 x 2.5" drive bay for HDD/SSD 1 x CFast socket
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Mechanical

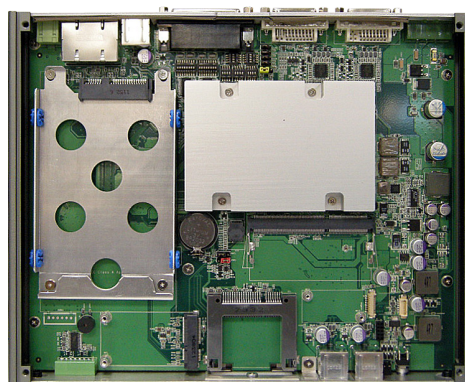
Construction	Aluminum alloy
Mounting	Wall-mount/VESA-mount/DIN-rail mounting
Weight	1.89 kg (4.16 lb) (Bare-bone)
Dimensions (W x H x D)	252 x 33 x 199 mm (9.92" x 1.3" x 7.83")

OS Support

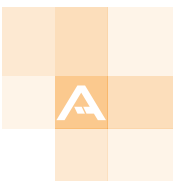
XPe / XP Pro / W7 Pro / WS7E

Ordering Information

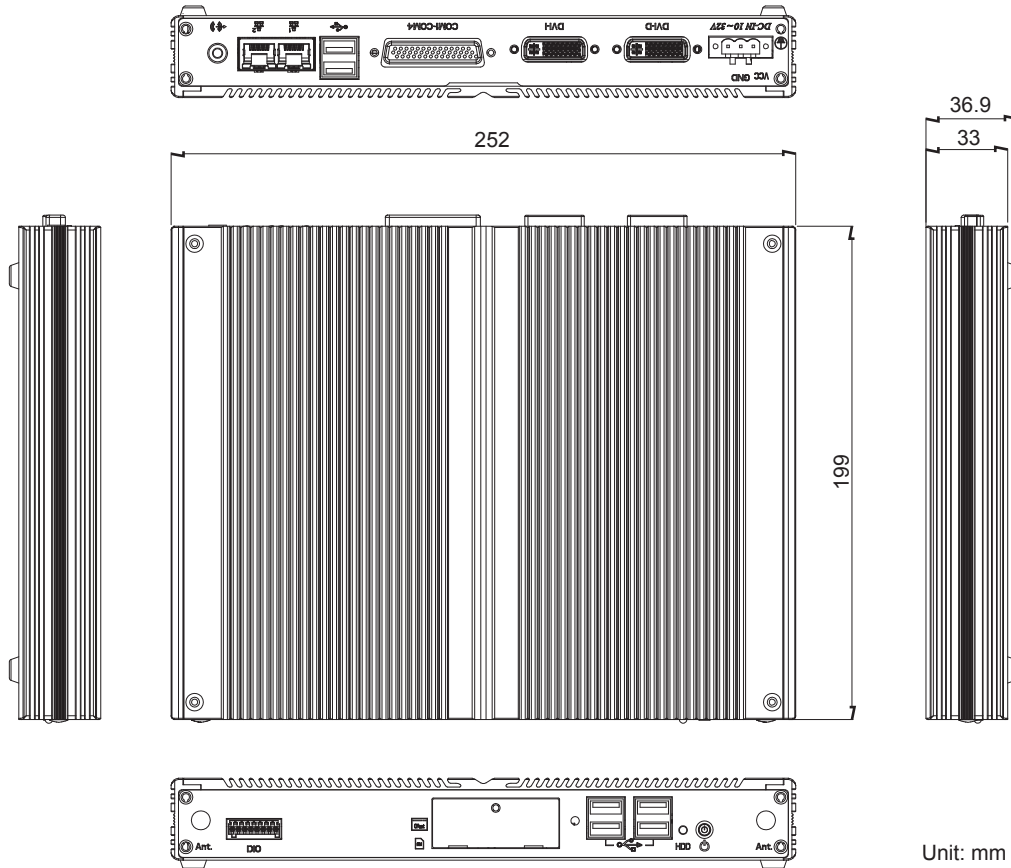
Rigid-314 Fanless embedded controller



» Fanless Design



Dimensions



Standard Accessories

PAC-P065W 19V/3.4A 65W AC/DC adapter kit



WMK-3100 Wall-mount kit



CBL-7100-COM 4 x COM ports converter cable



Optional Accessories

DRK-001 DIN-rail kit of FPC series



VMK-3100 VESA mount kit



Optional Configuration (CTOS* Kit)

80GB SSD Intel® 2.5" 80GB SATAIII SSD kit



WiFi-AT2300 Atheros AR9462 Wi-Fi module w/ 20cm internal wiring



HSPA-SI1400 HSUPA 3.75G module kit & internal wiring



ANT-H11 1 x 2dBi HSUPA antenna



ANT-D11 1 x Wi-Fi Dual-band 2.4G/5G antenna



*CTOS means Configure-to-Order Service.