

FPC-7601/7602/7603

Robust Box PC with 3rd Generation Intel® Core™ i5/i3/Celeron® Processor Platform



Features

- Fanless Design
- Wide Range DC Power Input (9 ~36V)
- Triple Independent display (DisplayPort x2 + VGA x 1) supported
- Two-mPCIe for Optional WiFi, GPS or I/O Expansion supported
- Optional Wi-Fi or HSUPA Wireless Connectivity supported
- Rugged Design for Shock/Vibration Protection
- Memory Support up to 16GB (DDR3)

System

CPU	3 rd Generation Intel® Core™ i5/i3 or Celeron® Processors in rPGA988 socket, TDP under 35W
Memory	2 x 204-pin DDR3 SO-DIMM sockets, supporting 1333/1600MHz SDRAM up to 16GB
Chipset	Intel® HM76
Graphics	Integrated Intel® HD 4000
ATA	2 x Serial ATA ports with 600MB/s HDD transfer rate
LAN Chipset	2 x Intel® WGI210AT GbE controllers
Watchdog Timer	1~255 levels reset

I/O

Serial Port	COM1 & COM2 RS-232 COM3 & COM4 RS-232/422/485 Selectable
USB Port	2 x USB 2.0 ports, 4 x USB 3.0/ 2.0 ports Internal USB dongle (Optional)
LAN	2 x RJ-45 ports for GbE
Video Port	2 x Display ports 1 x DB-15 Female connector for Analog RGB
Selectable Port	1 x DB25 connector for 1 x digital I/O, (8-in/8-out) or I/O Expansion (either one)
Audio	Mic-in/Line-out
Expansion Bus	2 x Mini-card for optional WiFi, GPS or I/O Expansion

Environmental

Operating Temp.	-20 ~ 55°C (-4 ~ 131°F), ambient w/ air flow
Storage Temp.	-40 ~ 85°C (-40 ~ 185°F)
Operating Humidity	10 ~ 95% @ 55°C (non-condensing)
Vibration	3 Grms/5~500Hz/random operation w/ SSD
Shock	Operating 40G (11ms), Non-operating 60G with SSD

Qualification

Certification	CE, FCC Class A
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Power Requirement

Power Input	DC 9~36V input w/ 4-pin terminal block
Power Consumption	Max. 65W (w/o I/O card)

Storage

Type	2 x 2.5" drive bays
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Mechanical

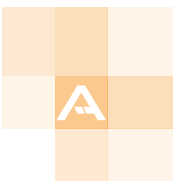
Construction	Aluminum alloy
Mounting	Wall-mount
Weight	4.9 kg (10.80 lb)
Dimensions (W x H x D)	195 x 268 x 110 mm (7.68" x 10.55" x 4.33")

OS Support

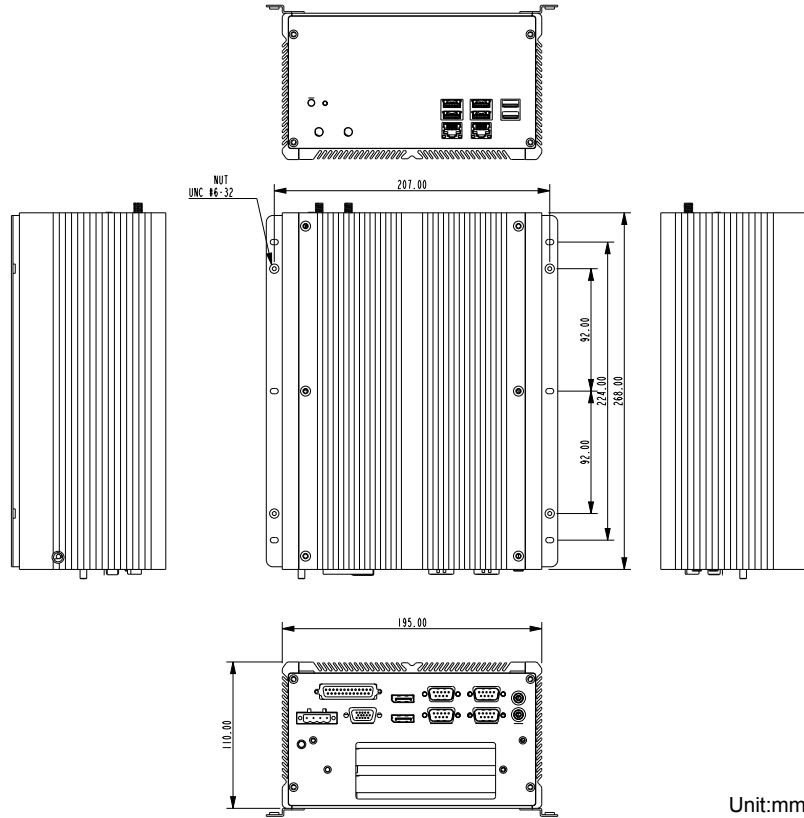
W7 Pro / WS7E /WE8 STD

Ordering Information

FPC-7601	Fanless system w/ 1x PCI + 1 x PCIe x 16
FPC-7602	Fanless system w/ 1x PCIe *8 + 1 x PCIe x 16
FPC-7603	Fanless system w/ 2x PCI



Dimensions



Unit:mm

Optional Accessories

PAC-B120W-FSP 19V/6.32A 120W AC/DC adapter kit



WMK-7000 Wall-mount kit for FPC-7XXX Series



Optional Configuration (CTOS* Kit)

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



MK-3C-4G-1 DDR3-1600 4GB SDRAM DIMM1 kit

MK-3C-4G-2 DDR3-1600 4GB SDRAM DIMM2 kit

MK-3C-8G-1 DDR3-1600 8GB SDRAM DIMM1 kit

MK-3C-8G-2 DDR3-1600 8GB SDRAM DIMM2 kit



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



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



Core™ i3-3120ME 3rd Generation Intel® Core™ i3-3120ME, L2/3M, 2.4G

Core™ i5-3610ME 3rd Generation Intel® Core™ i5-3610ME, L2/3M, 2.7G



UDK-7702 Internal USB dongle kit for FPC-7701/7702/7703



*CTOS means Configure-to-Order Service.