

# UPC-V315-QM77

Intel® Mobile QM77 Express Chipset



## Features

- » Intel® Ivy Bridge mobile chipset
- » 15" 400 nits 1024 x 768 LCD with LED backlight
- » Full IP 65 compliant die-casting aluminum chassis
- » PCIe Mini card expansion
- » Dual-DC input, 9V ~ 36V and 10.5V ~ 36V, switch automatically
- » ACC power support
- » Dual-band 2.4/5 GHz Wi-Fi 802.11a/b/g/n 3T3R MIMO design
- » Reserved space for 3.75G HSUPA USB dongle
- » Optional GPS receiver
- » Optional EM or Mifare RFID reader
- » Optional Bluetooth module
- » Built-in 2-megapixel webcam with AF, AE and AWB capabilities
- » CAN-bus interface with isolation
- » F1 ~ F10 function keys with customization options

## Specifications

Display	
Backlight MTBF(hrs)	50000
Brightness(cd/m2)	400
Contrast Ratio	700 : 1
LCD Size	15"
Max Resolution	1024(W) x 768(H)
Environment	
Humidity	10% to 95% (non-condensing)
Operating Temperature	-10°C~50°C
Storage Temperature	-20°C~60°C
Expansion Slots	
Expansion Slots	1 x PCIe Mini card
I/O Interface	
I/O Ports and Switches	3 x RS-232 (RJ-45)
	1 x RS-422/485 (RJ-45)
	1 x CAN-bus
	1 x VGA
	1 x HDMI port
	2 x GbE LAN
	2 x USB 2.0
	2 x USB 3.0
	1 x Reset button
	1 x Audio jack (Line out, MIC)
RAM	Built-in one 2 GB DDR3 memory (system max. 8GB: on board max. 4GB, socket max. 4GB)
LCD	

LCD Color	16.2M
Pixel Pitch (mm)	0.297mm x 0.297mm
Viewing Angle (H-V)	125° / 140°
Other Features	
System Cooling	Fanless
Physical Characteristics	
Cutout Dimensions	390 x 290
Dimensions (LxWxH) (mm)	427.19 x 330.63 x 77.06
Power	
Power adapter	90 W ; 63040-010090-050-RS
	Requirement Power 1: 9V~36V(+/-0.3V)
	Power 2: 10.5V~36V(+/-0.3V)
System	
Chipset	Mobile Intel® QM77 Express Chipset
CPU	Intel® Celeron® 1047UE processor
HDD	1 x 2.5" SATA SSD bay
SSD	mSATA (SATA2 signal)
Touch	
Touch Controller	DMC 9000
Touch Screen	5-wire resistive type with RS-232 interface
Weight	
Weight	6.5 kg / 8.8kg
I/O Interface	
I/O Interface	1 x Reset Button
	2 x LAN(GbE LAN)
	1 x HDMI
	1 x CAN-bus
	1 x AT/ATX Switch
	3 x RS-232((RJ-45))
	1 x RS-422/485((RJ-45))
	1 x Video
	2 x USB2.0
	2 x USB3.0
	1 x Mic
	2 x Power In(9-36V DC jack/9-36V terminal block)
	1 x Line out

## Ordering Information

UPC-V315-QM77-i7/R/2G-R10	15" 400cd/m <sup>2</sup> XGA fanless full IP65 panel PC with Mobile Intel® QM77 Express Chipset and Intel® Core™ i7-3517UE Processor, 802.11a/b/g/n wireless module, resistive touch screen, 2M camera,microphone,2GB DDR3 RAM, R10
UPC-V315-QM77-i3/R/2G-R10	15" 400cd/m <sup>2</sup> XGA fanless full IP65 panel PC with Mobile Intel® QM77 Express Chipset and Intel® Core™ i3-3217UE Processor, 802.11a/b/g/n wireless module, resistive touch screen, 2M camera,microphone,2GB DDR3 RAM, R10
UPC-V315-QM77-C/R/2G-R10	15" 400cd/m <sup>2</sup> XGA fanless full IP65 panel PC with Intel QM77 and Celeron Dual Core 1047UE Processor (2M Cache, 1.40 GHz), TDP 17W, 802.11a/b/g/n wireless module, resistive touch screen, 2M camera,microphone, 2GB DDR3 RAM, R10

## Packing List

1 x Power Adpater	1 x Screw Kit
1 x Touch Pen	