

# Q718

## Qseven Carrier Board



## Features

- Qseven Rev. 2.0 compliant
- Compact size: 152 x 83 mm
- Wide-range DC voltage input: 9V~32Vdc
- Dual display: 1x HDMI
- 2x Mini-PCle with USIM socket, 1x mSATA socket
- 1x USB 3.0/2.0, 4x USB2.0, 16-bit programmable GPIO
- 2x GbE Ethernet, 1x UARTs

## Specifications

CPU Module Platform	
<b>Qseven</b>	Qseven Rev. 2.0 compliant
<b>CPU</b>	x86 CPU
Display	
<b>HDMI</b>	1x HDMI
Storage	
<b>SATA</b>	1x mSATA socket
<b>USIM</b>	2x USIM socket
I/O Interface	
<b>Ethernet</b>	2x RJ45 GbE
<b>USB</b>	1x USB 3.0, 4x USB 2.0
<b>Audio</b>	1x Line-out/MIC-in
<b>UART (Serial Port)</b>	1x RS-232
<b>Digital I/O</b>	16-bit Programmable GPIO
Expansion	
<b>Mini-PCle</b>	2x Full-Length Mini-PCle socket (PCle + USB + USIM)
Other	
<b>Watchdog Timer</b>	Multistage
<b>Smart Battery Management</b>	ACPI 5.0 compliant
Power	
<b>DC Input Voltage</b>	9V~32Vdc
Operating System	
<b>Windows/Linux</b>	Depends on Q7 CPU module
Mechanical	
<b>Dimensions</b>	152 x 83 mm
Environment	
<b>Operation Temperature</b>	-20°C ~ 70°C
<b>Storage Temperature</b>	-45°C ~ 85°C
<b>Operation Humidity</b>	10% to 90% Humidity, non-condensing
<b>Storage Humidity</b>	5% to 95% Humidity, non-condensing
Certification	
<b>Safety Certifications</b>	CE/FCC Class A

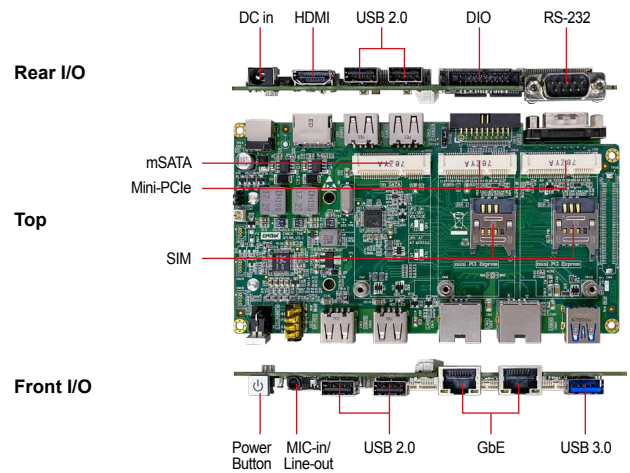
## I/O Chart

Model Name	HDMI	GbE (RJ45)	GbE / PoE (RJ45)	DIO	USB 3.0	USB 2.0	RS-232	Mini-PCle	mSATA
Q718	2	3	3	16-bit Programmable GPIO	1	4	1	2	1

## Ordering Information

Model Name	Article Number (A/N)
Q718	Qseven Carrier board, 1x HDMI, 2x RJ45 GbE, 1x USB3.0, 4x USB2.0, 1x RS-232, 16-bit Programmable GPIO
	04001

## I/O Interfaces



## Dimensions

