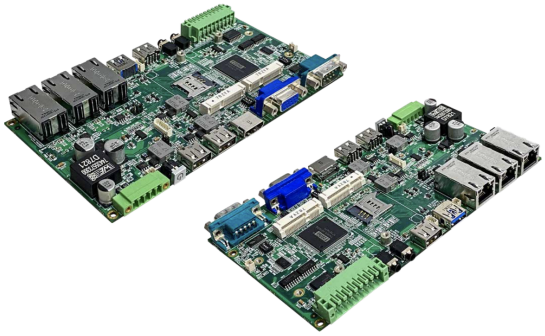
Q728H/Q728HV PRODUCT BROCHURE



Qseven Rev. 2.0 Compliant

Part number: Q728H-3RP and Q728HV-3R

Features

- Qseven Rev. 2.0 compliant
- Compact size: 175 x 95 mm
- Wide-Range DC voltage input: 9V~32V
- Dual display: 1x HDMI, 1x VGA
- 3x RJ45 GbE Ethernet with 802.3at PoE PSE
- 1x Mini-PCIe with USIM socket, 1x mSATA socket
- 1x USB 3.0/2.0, 3x USB 2.0, 1x USB 2.0 internal
- Isolated 8-bit DI & 8-bit DO
- 1x RS-232

CPU Module	
Qseven	Qseven Rev. 2.0 compliant
CPU	x86 CPU
Graphics	
VGA	1x VGA optional (Q728HV)
Storage	
SATA	1x mSATA socket
USIM	1x USIM socket
I/O Interface	
Ethernet	3x RJ45 GbE with 802.3at PoE PSE (Q728H-3RP, Q728HV-3RP)
	3x RJ45 GbE (Q728H-3R, Q728HV-3R)
USB	1x USB 3.0, 3x USB 2.0, 1x USB 2.0 internal
Audio	1x Line-out, 1x MIC-in
UART (Serial Port)	1x RS-232
Digital I/O	Isolated 8-bit DI & 8-bit DO
Expansion	
Mini-PCIe	1x Full-Length Mini-PCIe socket (PCIe + USB + USIM)
Other	
Watchdog	Multistage

* All product specifications are subject to change without notice

Email: sales@vetron.com.au
ABN: 21 141 474 017
Business number +61 (07) 3186 8825

Head Office: Unit 3, 25 Randall Street, Slacks Creek. Qld. 4127.

Smart Battery Management	ACPI 5.0 compliant
Power	
DC Input Voltage	9V~32Vdc
Operating System	
Windows/Linux	Depends on Q7 CPU module
Mechanical	
Dimensions	175 x 95mm
Environment	
Operation Temperature	-20°C ~ 70°C
Storage Temperature	-45°C ~ 85°C
Operation Humidity	10% to 90%, non-condensing
Storage Humidity	5% to 95%, non-condensing
Certification	
Safety Certifications	CE/FCC Class A

I/O Comparison Chart

Model Name	HDMI	VGA	GbE(RJ45)	GbE/PoE(RJ45)	DIO	USB 3.0	USB 2.0	RS-232	Mini-PCIe	mSATA
Q728H-3RP	1			3	8-bit isolated DI & 8-bit isolated DO	1	4	1	1	1
Q728H-3R	1		3							
Q728HV-3RP	1	1		3						
Q728HV-3R	1	1	3							

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Ordering Information:

Model Name		Article Number (A/N)
Q728H-3RP	Qseven Carrier Boards,1x HDMI, 3x RJ45 GbE/PoE, 1x USB 3.0, 4x USB 2.0, 1x RS-232, Isolated 8-bit DI& 8-bit DO	7111-728300
Q728HV-3RP	Qseven Carrier Boards,1x HDMI, 1x VGA, 3x RJ45 GbE/PoE, 1x USB 3.0, 4x USB 2.0, 1x RS-232, Isolated 8-bit DI& 8-bit DO	7111-728400
Q728H-3R	Qseven Carrier Boards,1x HDMI, 3x RJ45 GbE, 1x USB 3.0, 4x USB 2.0, 1x RS-232, Isolated 8-bit DI& 8-bit DO	7111-728310
Q728HV-3R	Qseven Carrier Boards,1x HDMI, 1x VGA, 3x RJ45 GbE, 1x USB 3.0, 4x USB 2.0, 1x RS-232, Isolated 8-bit DI& 8-bit DO	7111-728410

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