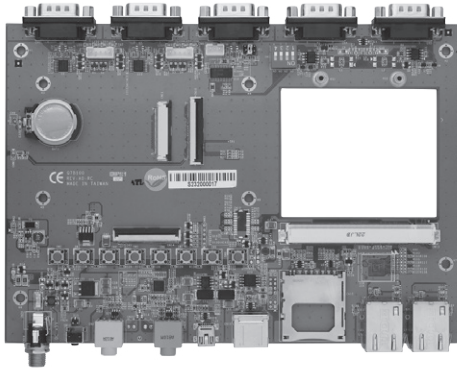


Q7M100-100-EVK

Q7M100-100-EVK with i.MX287 454 MHz (Industrial) SoC, 128 MB Memory, 4 GB eMMC, 10/100Mbps Ethernet, Audio, CAN with 4.3 inch panel, BSP



▲ Q7B100

System

Processor	On Q7M100 SoM
System Memory	On Q7M100 SoM
OS	Linux kernel 2.6.35
RTC	Battery on the Baseboard is required
Power Requirement	+5V ± 5%, 5A
Size	200 x 140 mm
Board Thickness	1.6 mm ± 0.15mm
Operation Humidity	10% ~ 95%, non-condensing

I/O

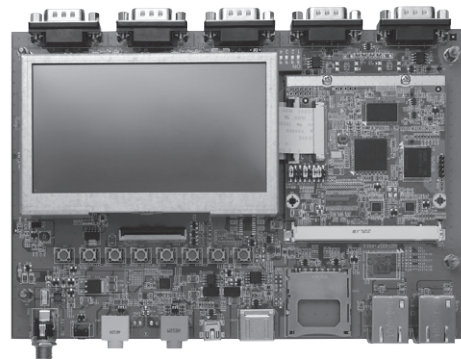
Graphics	1 x 24-bit TTL LCD
Ethernet	2 x RJ-45 for 10/100 Mbps
Audio	2 x Audio connector on the rear I/O with MIC-in and Headphone
COM	4 x COM with TX/RX/RTS/CTS (one with 3.3V TTL level) 1 x Console Port
USB	1 x OTG client and 1 x USB 2.0
I ² C	2 x I ² C Interface
CAN	2 x D-Sub 9-pin male connectors
Keypad	8
Storage	1 x SD/MMC socket, 1 x SATA connector
Touch	4-wire touch screen controller

Features

- Ultra low power consumption ARM9
- High flexibility Qseven v1.2 compliant design
- 5 UART
- 2 CAN
- 24-bit TTL LCD
- 10/100 Mbps Ethernet
- Linux 2.6.35

Ordering Information

Standard	
Q7M100-100-EVK	Evaluation Kit Board



▲ Q7M100-100-EVK

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Appendix

