MSC Q7-SK-BW-EP6

Starterkit for Qseven Modules with Atom x5-E8000 Celeron N3000

⤢	148x102
♨	N.A.
🌡	0 +60

(intel)
IoT Solutions Alliance

Description

The Qseven Starter Kit for Qseven modules with the Intel "Braswell" N3000 is based on a 3.5" Qseven rev. 2.0 carrier board MSC Q7-MB-EP6 and contains all necessary products to quickly enable the user to run and evaluate the Q7-BW module range. The kit does not contain a Qseven module in order to give the user greater flexibility as to which particular module version and CPU speed variant is desired.

As part of the Qseven Starter Kit, the appropriate heatspreader will be supplied. A power supply with cable kit is also included for convenience. Direct screen output on a DP monitor is possible using the on-board DP connector.

Highlights

- 3.5" Qseven carrier board with socket for Qseven Rev. 2.0 module
- Heatsink for all module variants of the Q7-BW family
- 12V power supply and cable kit included for immediate operation of the Starter Kit
- Getting Started Manual, Drivers, Manuals etc. can be downloaded from Support website
- DP graphics output
- LVDS graphics output on standard 30-pin connector; backlight connector includes adjustable backlight voltage and dimming
- 2x Ethernet (10/100/1000 LAN) connector, 1x SATA connector
- USB 3.0, 3x USB 2.0, 1x microUSB OTG, 2x UART, SD-Card socket, miniPCIexpresss and mSATA slots

- Getting Started manual
- Optional 7" WVGA (800 x 480) and 12.1" XGA (1024x768) TFT kit

Qseven

Technical Data - MSC Q7-SK-BW-EP6

Technology	x86
Formfactor	Qseven
Storage Interfaces	2x SATA 3Gb/s
USB	USB 3.0 4x USB 2.0
Serial Interfaces	1x RS232
Bus Interfaces	I²C Bus SMBus SPI
Display Interfaces	DP (derived from DP++ channel) LVDS 18/24 bit, dual channel
Network Interface	2x 10/100/1000Base-TX (one from Qseven module, one from on-board LAN Controller)
Audio Interface	High Definition Audio
Miscellaneous	RTC battery holder
Power Requirement	+10V..+28V input voltage
Environment	Ambient Temperature: 0° … 60°C (operating), -40° … 85°C (storage) Humidity: 5 … 95% (operating, non-condensing), 5 … 95% (storage, non-condensing)
Dimensions	148mmx102mm
Certificates	UL / CE
Cooling	Suitable Heatspreader with Heatsink for Q7-A50M Module
Carrier	Carrier board in 3.5" (ECX) form factor

Qseven

Order Reference - MSC Q7-SK-BW-EP6

Order Number	Description	Reference	Cat
46995	Qseven Starterkit for Qseven modules with Intel "Braswell" N3000 processors. Consists of a Qseven baseboard MSC Q7-MB-EP6-601, Heatspreader, 12V power supply and cable kit. Does ***NOT*** contain Qseven module Q7-BW-xyz, please order separately!	MSC Q7-SK-BW-EP6-KIT001	OR

Accessories

Order Number	Description	Reference
	10.1" Displaykit	
78879	Displaykit suitable for all COM Carrier Boards and all COM Starterkits. Comprises 10.1" WXGA LCD with PCAP Touch Sensor and Touch Controller. Includes all cables required to connect to COM Carrier Boards (LVDS, B/L & Touch).	MSC DIS-AM1280800-101-KIT SETPAC
	12.1" Displaykit	
78880	Displaykit suitable for all COM Carrier Boards and all COM Starterkits. Comprises 12.1" WXGA LCD with PCAP Touch Sensor and Touch Controller Includes all cables required to connect to COM Carrier Boards (LVDS, B/L & Touch)	MSC DIS-AM1280800-121-KIT SETPAC
	5.0" Displaykit	
81871	Displaykit suitable for all COM Carrier Boards and all COM Starterkits. Comprises 5.0" WVGA LCD with PCAP Touch Sensor and Touch Controller Includes all cables required to connect to COM Carrier Boards (LVDS, B/L & Touch)	MSC DIS-AM800480-050-KIT SETPAC
	7" Displaykit	
78911	Displaykit suitable for all COM Carrier Boards and all COM Starterkits. Comprises 7.0" WVGA LCD with PCAP Touch Sensor and Touch Controller Includes all cables required to connect to COM Carrier Boards (LVDS, B/L & Touch)	MSC DIS-AM800480-070-KIT SETPAC