


MSC C10-SK-BT-EV

Type 10 Starterkit for C10M-BT Modules



 170 x 170 mm

 N.A.

 0 +60



Description

The MSC C10-SK-BT-EV is a complete Starterkit for the instant operation and evaluation of COM Express Mini modules Type 10 based on the Intel Atom E3800 processors.

The Starterkit contains a COM Express Type 10 baseboard in Mini-ITX form factor, a heatspreader and a 12V power supply. The kit does not include a COM Express MSC C10M-BT module leaving the choice of module variant from MSC's portfolio of Type 10 modules with Intel Atom E3800 processor to the user.

The baseboard used for the kit is a universal COM-Express Type 10 compact carrier board in Mini-ITX format providing the interface infrastructure for Type 10 modules while offering various PC-type connectors for external access. The Starterkit can optionally be accompanied by various Display Kits containing TFT panels in several popular resolutions with LVDS or eDP connection technology and LED backlight for immediate operation with the COM Express Type 10 Starterkit.

Highlights

- COM Express Type 10 Baseboard in Mini-ITX format
- Suitable Heatspreader for COM Express Mini Modules Type 10 with the Intel Atom E3800 processors
- 12V Power Supply with suitable connector for COM Express baseboard
- Getting Started Manual with Download Links for Drivers, BSP and other Support Tools
- PCI-Express x4 Slot
- PCI-Express Mini Card Socket and SD Card Socket
- 2x SATA Gen. 3.0 Connectors
- 2x USB 3.0 and 8x USB 2.0 Connectors
- DisplayPort Connector
- Embedded DisplayPort Connector
- LVDS Single-Channel J1LI30 Connector
- Audio Codec with 1x3 Jacks and SPDIF In/Out
- Gigabit LAN Connector
- Baseboard Size 170 x 170 mm

Technical Data - MSC C10-SK-BT-EV

Technology	x86
Formfactor	COM Express
Storage Interfaces	2x SATA
USB	2x USB 3.0 Host 8x USB 2.0 Host
Bus Interfaces	PCI Express x4 PCI Express Mini Card Socket
Display Interfaces	DisplayPort connector JLI130 LVDS connector Embedded DisplayPort connector
Network Interface	Ethernet RJ45 connector (10/100/1000)
Audio Interface	3x audio jack SPDIF In/Out
OS Support	Windows 7 (embedded) BSP for Linux on request EAPI (HW Programming Interface)
Power Requirement	Standard 12V power supply enclosed
Environment	0°C to +60°C
Dimensions	170 x 170 mm
Certificates	UL / CE
Cooling	Heatspreader enclosed
Carrier	Mini-ITX baseboard enclosed

Order Reference - MSC C10-SK-BT-EV

Order Number	Description	Reference	Cat
65357	COM Express Type 10 Starterkit for all C10M-BT modules; uses the new C10-MB-EV platform for Type 10 modules (Mini-ITX format); includes suitable Heatspreader for C10M-BT modules and 12V Power Supply	MSC C10-SK-BT-EV-KIT001	PV

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

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