

MSC C6-SK-CFLH-EV

COM Express Type 6 Starterkit for Coffee Lake based Modules



✂ 170 x 170



COM  Express

Description

The MSC C6-SK-CFLH-EV-KIT001 is a ready-to-run Starter Kit for COM Express Type 6 modules based on the Intel Coffee Lake H and Coffee Lake Refresh CPUs. It is ideally suited for evaluation purposes, for software development and for prototyping of Type 6 applications.

It contains the new COM Express baseboard for Type 6 modules in the Mini-ITX form factor providing the interface infrastructure for the COM Express Type 6 modules with various PC type connectors for external access. In addition the Starter Kit comes with the suitable Heatsink with Fan for MSC C6B-CFLH modules and 2x DDR4 memory modules.

The MSC C6-SK-CFLH-EV-KIT001 does not contain the COM Express module thereby leaving the choice of module variant to the user. The suitable MSC C6B-CFLH or C6B-CFLR module should be ordered along with the Starter Kit.

The Kit can optionally be accompanied by various Display Kits containing TFT panels in several popular sizes and resolutions.

Highlights

- Starterkit for COM Express™ Type 6 modules with Intel "Coffee Lake H" or "Coffee Lake Refresh" CPU
- Heatsink with Fan for MSC C6B-CFLH modules
- 2x 4GB DDR4 SODIMM
- Mini-ITX format baseboard for Type 6 modules
- PCI Express x16 (usable as PEG or x4)*
- PCI Express Mini Card slot
- Four SATA connectors*
- Four USB 3.0 interfaces*
- Up to four USB 2.0 ports*
- Three DisplayPort connectors*
- LVDS and eDP connectors*
- VGA connector*
- GbE interface
- SD Card slot
- HD audio codec
- Super I/O
- COM Express specific interfaces*
- Size 170mm x 170mm
- *Support depending on COM Express module used

Technical Data - MSC C6-SK-CFLH-EV

Technology	x86
Formfactor	Mini-ITX
RAM	2x 4GB DDR4 SO-DIMM
Storage Interfaces	2x SATA-II
USB	4x USB 3.0 Host 4x USB 2.0 Host
Display Interfaces	3x DisplayPort eDP on 40-pin connector LVDS on 30-pin connector
Network Interface	GbE LAN
Audio Interface	HD Audio
Security Device	TPM
Power Requirement	12V Power Supply (included)
Environment	0..60°C
Dimensions	170 x 170 mm
Certificates	UL / CE
Cooling	included
Carrier	Mini-ITX

Order Reference - MSC C6-SK-CFLH-EV

Order Number	Description	Reference	Cat
78252	Starterkit for COM Express Type 6 modules with Intel 8th or 9th generation Core processors (Coffee Lake H, Coffee Lake Refresh). Consists of the MSC C6-MB-EV Mini-ITX platform board, suitable Heatsink with fan, two memory modules and a suitable power supply with cable kit.	MSC C6-SK-CFLH-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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