



DEV-KIT-COMe-T7

Cross Platform Development Kit compatible with both x86 and Arm® COM Express® Type 7 modules

Platform independent kit for fast Time-to-market



STARTER KIT CONTENTS

The Development Kit contains the following material:










- CCOMe-C79 Carrier Board
- 1x Serial Adapter Cables
- 1x SATA cable
- Front Panel module V995 with connecting cables

Module not included. Must be purchased separately



**SCHEMATICS
PUBLICLY AVAILABLE**

FEATURES OF CCOMe-C79

 Mass Storage	2x S-ATA 7p M connectors µSD Card slot (interface multiplexed with GPIO header)	 Power Supply	ATX 24 poles connector for carrier board working only Auxiliary 12V connector for carrier board working only 12 VDC power in connector for COM Express module's working Cabled Coin-cell connector for RTC
 Networking	1x GbEthernet RJ-45 connector 4x 10Gbase-KR interfaces on OCP Type-C connector 4x MDIO I2C interfaces on internal pin header 4x SDP interfaces on SMA RF connectors	 Operating Temperature*	0°C ÷ +60°C (Commercial version)
 USB	4x USB 3.1 Host ports on Dual Type-A sockets	 Dimensions	305x244mm (ATX form factor, 12" x 9.6")
 PCI-e	2x PCI-e x4 Slots 1x PCI-e x8 Slot 1x PCI-e x16 Slot	*All carrier board components must remain within the operating temperature at any and all times, including start-up; carrier operating temperature is independent of the module installed. Please refer to the specific module for more details. Actual temperature will widely depend on application, enclosure and/or environment. Upon customer to consider specific cooling solutions for the final system.	
 Serial Ports	2 x RS-232 ports on dedicated pin header (from module)		
 Other Interfaces	BMC connector with SM Bus, I2C, LPC, 1x USB 2.0, 1x PCI-e x1, NCSI signals 4 x GPI + 4 x GPO pin header (interface multiplexed with µSD slot) SPI Flash Socket Button / LEDs front panel header 4-pin tachometric FAN connector I2C + SM Bus on feature Pin header I2C Flash Socket SM Bus Smart Battery Connector 4 x 7-segment LCD displays for POST codes LPC/eSPI internal header USB Overcurrent header JTAG connector FuSa header SPI Flash header Buzzer		

BLOCK DIAGRAM

