



SYSTEM



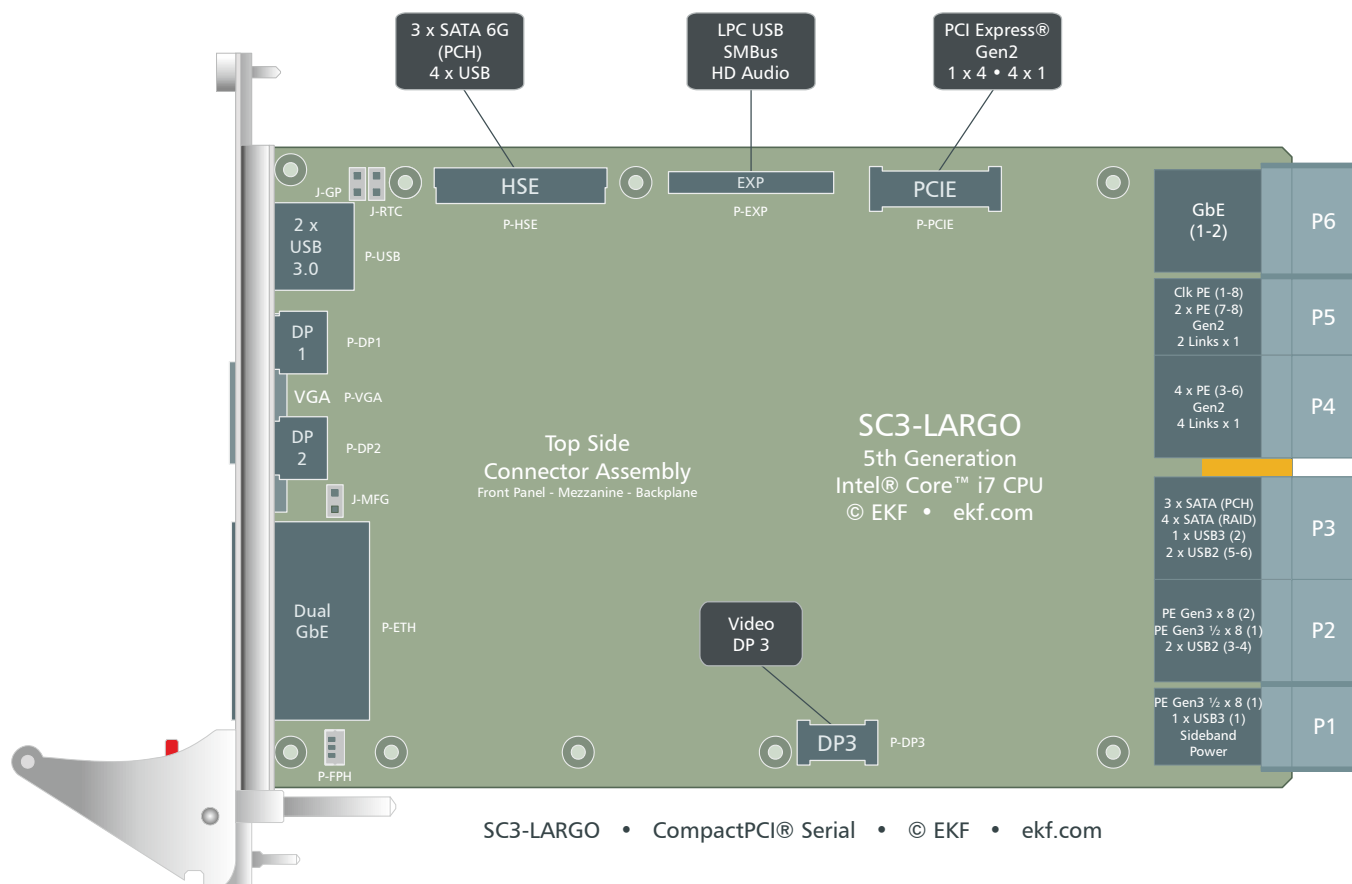
C40 ... C48 Series  
CPU Storage Mezzanine Modules Overview  
HSE Connector Based

Document No. 1125 • Edition 13 July 2015



Module	Short Information	Front Panel Width
C40-SCFA	Low Profile Mezzanine Module: CompactFlash Adapter, Single/Dual USB SSD <a href="http://www.ekf.com/c/ccpu/c40/c40_tie.pdf">www.ekf.com/c/ccpu/c40/c40_tie.pdf</a>	4HP
C41-CFAST	Low Profile Mezzanine Module: CFast™ Flash Card Adapter, SATA, USB SSD <a href="http://www.ekf.com/c/ccpu/c41/c41.html">www.ekf.com/c/ccpu/c41/c41.html</a>	4HP
C42-SATA	Low Profile Mezzanine Module: 1.8-Inch Micro SATA Solid State Drive (SSD) <a href="http://www.ekf.com/c/ccpu/c42/c42.html">www.ekf.com/c/ccpu/c42/c42.html</a>	4HP
C43-SATA	Low Profile Mezzanine Module: SATA Connectors, USB Connectors, USB SSD <a href="http://www.ekf.com/c/ccpu/c43/c43.html">www.ekf.com/c/ccpu/c43/c43.html</a>	4/6HP
C44-SATA	Expansion Side Board: 2.5-Inch SATA Hard Disk or Solid State Drive (SSD), eSATA & USB F/P <a href="http://www.ekf.com/c/ccpu/c44/c44.html">www.ekf.com/c/ccpu/c44/c44.html</a>	6/8HP
C45-SATA	Expansion Side Board: 1.8-Inch Micro SATA Solid State Drive (SSD), eSATA & USB F/P <a href="http://www.ekf.com/c/ccpu/c45/c45.html">www.ekf.com/c/ccpu/c45/c45.html</a>	6/8HP
C47-MSATA	Low Profile Mezzanine Module: Dual mSATA SSD Sockets (RAID Option) <a href="http://www.ekf.com/c/ccpu/c47/c47.html">www.ekf.com/c/ccpu/c47/c47.html</a>	4HP
C48-M2	Low Profile Mezzanine Module: Dual M.2 SSD Sockets (formerly known as NGFF) <a href="http://www.ekf.com/c/ccpu/c48/c48.html">www.ekf.com/c/ccpu/c48/c48.html</a>	4HP
C63-SATA	Mezzanine Module: 2 x internal & 1 x F/P SATA connectors <a href="http://www.ekf.com/c/ccpu/c63/c63_pano_10x15.jpg">www.ekf.com/c/ccpu/c63/c63_pano_10x15.jpg</a>	6/8HP

CPU Card Expansion Ports - Short Description				
Designation	Usage	Top	Bottom	Signal Group(s)
EXP	Legacy Expansion Port	✓	✓	LPC • USB • Audio
<b>HSE</b>	<b>High Speed Expansion Port</b>	✓	○	<b>Serial ATA • USB</b>
PCIE	PCI Express Interface Port	✓	○	PCIe x 4 (1x4 or 4x1)
SDVO	Serial Digital Video Output	✓	○	Secondary DVI/DP Display





### C40-SCFA





## C41-CFAST









## C42-SATA





## C43-SATA

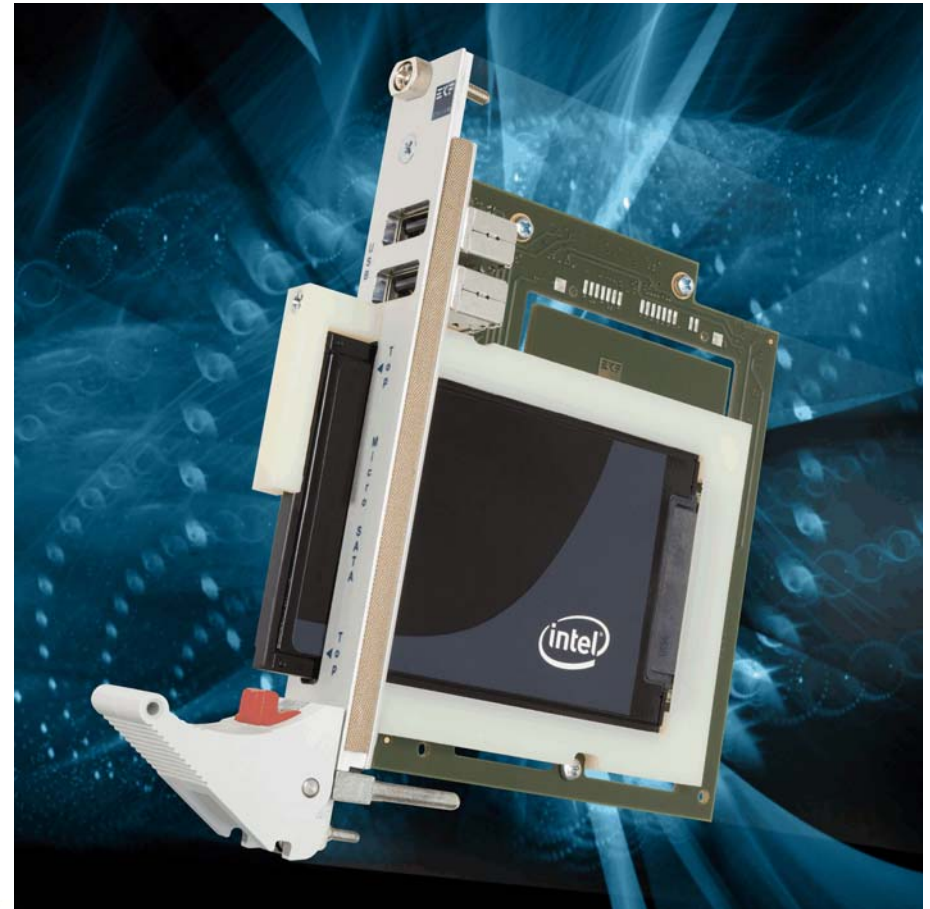




## C44-SATA



### C45-SATA

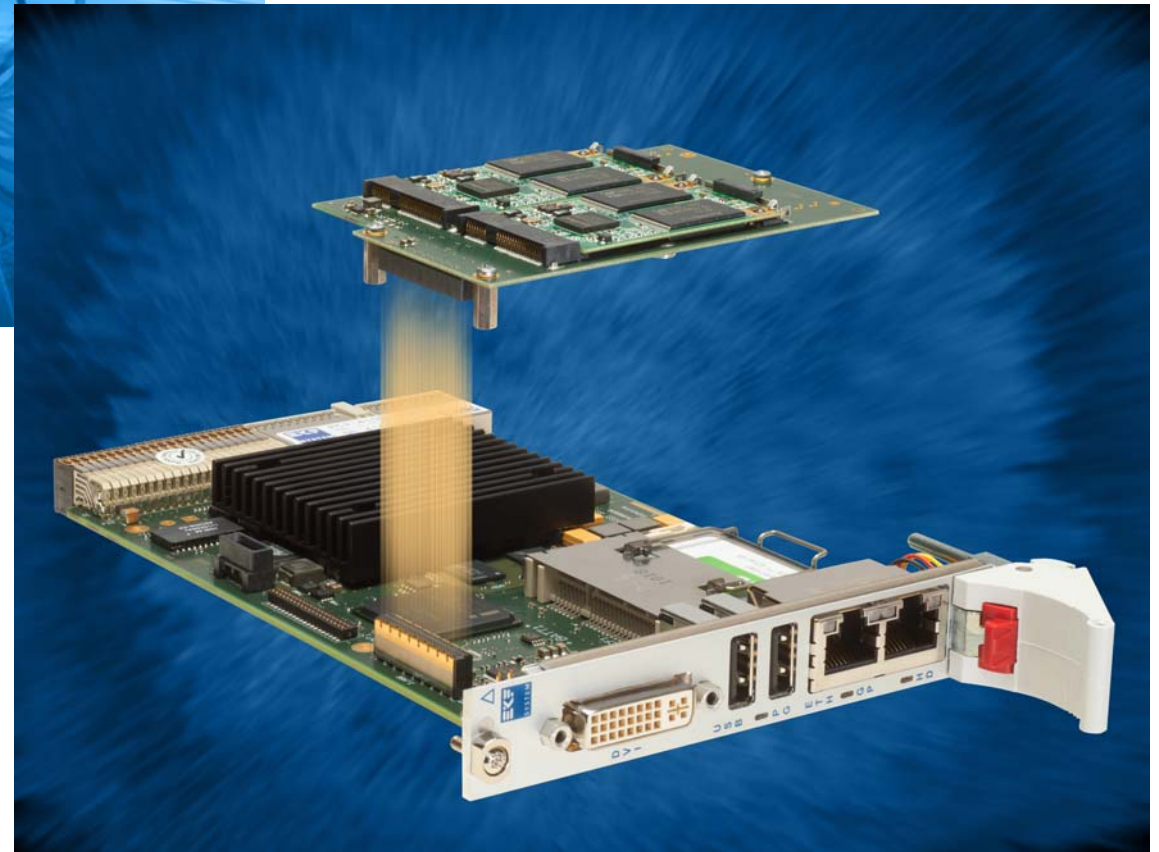






## C47-MSATA





### C48-M2





## C63-SATA





Please Request for Custom Specific Module Design

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