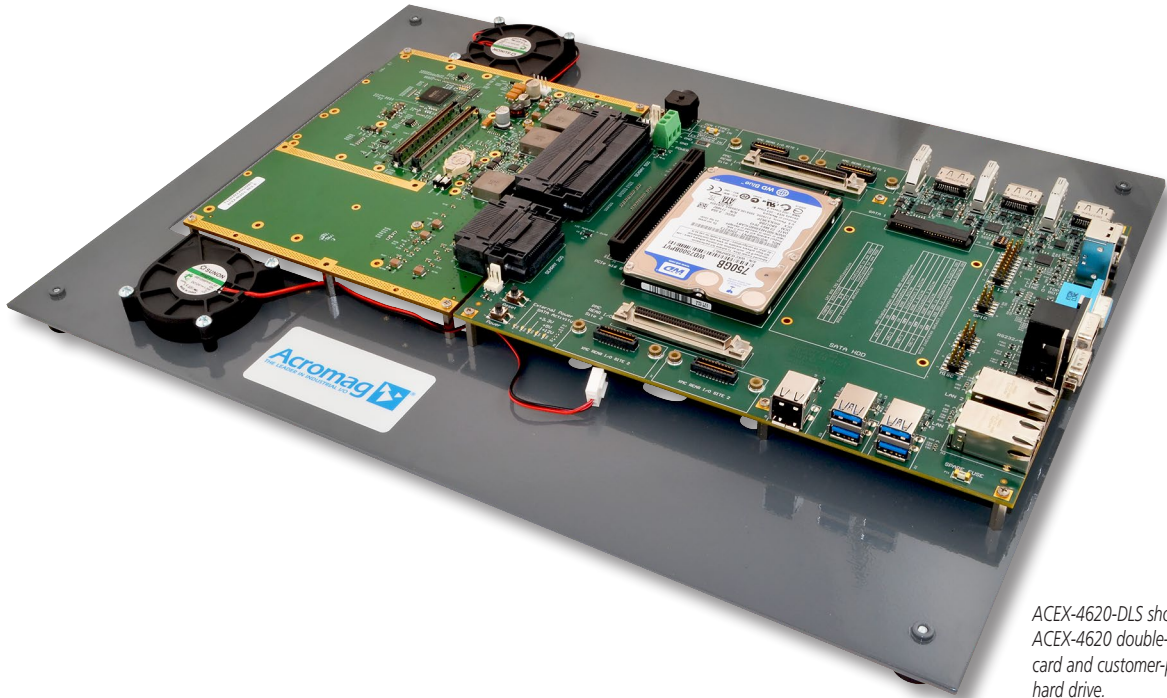


## ACEX-4600-DLS COM Express Type 6 Development System



ACEX-4620-DLS shown with the ACEX-4620 double-wide carrier card and customer-provided hard drive.

### Description

For easier testing and development, Acromag offers an engineering development system to streamline your COM Express® system for fast field deployment.

The engineering development system is an engineering development board and an [ACEX-4610-LF or ACEX-4620-LF](#) COM Express® carrier board mounted to a metal baseplate. To ensure proper air circulation two fans are mounted to the baseplate forcing air across the one/two XMC/PMC sites. The development board allows access to all signals delivered from the carrier card's Samtec® SEARAY™ high-density connectors through to the I/O breakout board connectors. The breakout board provides all standard peripheral I/O from the CPU, I/O expansion modules, and accommodates two SSD devices for program storage. The I/O breakout board has two power supply connections for a choice of the included 24V DC (160W) brick-type power supply or your own external power adapter.

### EDK Peripheral Connectors

- Power Connection (x2)
- Video Port 1 - 3  
HDMI and Display Ports
- VGA Port
- Audio Port
- SATA Port (x2)  
For user-installed SSD/hard drive
- 1Gb LAN Ports (x2) RJ45
- USB 3.0 Ports (x4)
- Serial Ports (x2)  
9-Pin, D-sub, male connector
- PMC Rear I/O Site 1 & 2  
68-Pin, SCSI-3
- XMC Rear I/O Site 1 & 2  
0.50mm High-speed Q Series,  
Samtec QTH Series, 20/pairs
- PCIe x16 4-lane port
- Fan Power (x3)
- ACEX-4600 Carrier Connection(s)

### Ordering Information

#### ■ Development Systems

##### [ACEX-4610-DLS](#)

I/O brakeout board, ACEX-4610-LF carrier board, power supply, and mounting plate with cooling fans.

##### [ACEX-4620-DLS](#)

I/O brakeout board, ACEX-4620-LF carrier board, power supply, and mounting plate with cooling fans.

#### ■ Required for Use

For more information, please see [www.acromag.com](http://www.acromag.com)

##### [XCOM-6400](#)

COM Express Type 6 4th Gen Intel® Core™ i7 / i5 CPU Module

##### [XHSA-6400](#)

Active heat sink with fan

Please note, a USB keyboard, USB mouse, computer monitor (VGA, HDMI, or DisplayPort) and a 2.5 inch SATA Hard Disk drive are also necessary for use of the development systems.

ISO9001  
AS9100  MADE IN USA

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## ACEX-4600-DLS I/O Breakout Board

