



PFU Systems

a Fujitsu company

# COM EXPRESS LITE CARRIER BOARD

**Embedded Computing**



Actual Size

Inexpensive small form factor COM Express compliant carrier board featuring all the most frequently used I/O interfaces

**COM Express**

### Small Form Factor

Space saving 6.4 x 4.6 inch form factor carrier board for COM Express Type 2 Basic modules lives up to its name in size and simplicity.

### Low Cost

Priced at a fraction of the module cost to simplify the creation of an embedded platform with nearly zero deployment time.

### Frequently Used I/O Interfaces

Combines all of the interfaces commonly found on today's basic computing platforms.

### Feature Summary

- Analog and LVDS Monitor Support
- Eight USB 2.0 Ports
- 10/100/1000 Mb Ethernet
- SATA & PATA Hard Drive Connectors
- Audio In & Out
- ATX Power Connector
- LED Operation Indicators

[www.PFUsystems.com](http://www.PFUsystems.com)

*Inside Your Best Ideas*



PFU Systems™

Embedded Computing

a Fujitsu company

## Specifications Summary

### Feature

### Specification

MODULE	Plug-N-Run Ga	Plug-N-Run G4	Plug-N-Run G5
<b>I/O CONTROLLER</b>			
Audio Codec	Realtek ALC888-GR, High Definition Audio Codec		
<b>I/O CONNECTORS &amp; HEADERS</b>			
USB	6x USB type A connectors (USB 1.1 and 2.0) 2x 10-pin internal header(2.0 only)	6x USB type A connectors (USB 1.1 and 2.0) 2x 10-pin internal header(USB 1.1 and 2.0)	
Ethernet	1x RJ45 connector 10/100/1000 Base-T	1x RJ45 connector 10/100 Base-T	1x RJ45 connector 10/100/1000 Base-T
SATA	1x 7-pin SATA data connector		
IDE	1x 44-pin header (supports 2.5" form factor HDDs)		
Audio Line-Out	Stereo - 1x 3.5mm jack		
Audio Speaker-Out	Stereo - 2x 1W, 6-pin header		
Audio Line-In	Stereo - 1x 3.5mm jack		
Audio MIC	Mono - 1x 3.5mm jack		
CRT	1x 15-pin D-Sub connector		
LCD	1x 30-pin header (LVDS)		
LCD Inverter Power	1x 5-pin header (+5VDC,+12VDC)		
CMOS Backup Battery	CR2032 Coin Cell		
Power Supply	1x 20-pin ATX header		
Fan	1x 3-pin header (+12VDC)		
<b>PHYSICAL</b>			
Dimensions	165mm x 120mm x 22mm (6.4" x 4.6" x .87")		

## Ordering Information

### Item

### Part Number

<b>CARRIER BOARDS</b>	
COM Express LITE Board	PSCELTGBD
COM Express LITE Board for 10/100 Ethernet (G4)	Special Order
<b>COMPUTER-ON-MODULES</b>	
1.6 GHz Plug-N-Run Ga	PSAPR160B2
2.0 GHz Plug-N-Run G4	PS4PR020B2
1.5 GHz Plug-N-Run G4	PS4PRC015B2
1.4 GHz Plug-N-Run G4	PS4PR014B2
1.0 GHz Plug-N-Run G4	PS4PRC010B2
2.2 GHz Plug-N-Run G5	PS5PR220B2
2.0 GHz Plug-N-Run G5	PS5PRC200B2
1.6 GHz Plug-N-Run G5	PS5PR160B2
1.06 GHz Plug-N-Run G5	PS5PR106B2

For more information and a list of PFU Systems sales representatives near you, please call our sales offices or visit us at :  
[www.PFUsystems.com](http://www.PFUsystems.com)

## Sales Office

### Headquarters & International Sales Office

PFU Systems, Inc.  
2055 Gateway Place, Suite 200  
San Jose, CA 95110  
Phone: +1.408.451-2900  
Fax: +1.408.451-2999

### Midwest Sales Office

PFU Systems, Inc.  
2600 Fernbrook Lane, Ste. 134  
Plymouth, MN 55447-4752  
Phone: +1.877.240.3543  
Fax: +1.763.551.8265

