



### PAR-2013D-130



**PAR-2013D-130** is an **AMD LX-800** DIN-rail mount industrial fanless embedded platform which features LAN, USB, VGA, RS-232, and isolated RS-422/485 and digital I/O.

<b>Processor</b>	AMD LX-800 500 MHz low power processor
<b>Isolated Digital I/O</b>	2500V isolation protection <b>3D-In:</b> Low Level: 0-3V, High Level: 10-50V <b>2D-Out:</b> 500mA drive capability
<b>LAN/USB/CF</b>	2/2/1
<b>Expansion</b>	1 Mini-PCI & 1 PCI-104
<b>Dimensions</b>	60mm (W) x 180mm (H) X 130mm (D)

### PAR-2200D-120 / PAR-2200D-130



**PAR-2200D** is an **Intel® Atom™ N270** fanless embedded platform which supports dual display DVI and VGA, along with support for up to 4 COMs, CF, SATA, and a power input of 12V/24V.

<b>CPU Speed</b>	1.6 GHz
<b>Processor</b>	Intel® Atom™ N270
<b>DB-9 RS-232/485</b>	232/485 x 1, 232 x 3
<b>Storage</b>	1 SATA, 1 CF
<b>Power Input</b>	<b>PAR-2200D-120:</b> DC 12V <b>PAR-2200D-130:</b> DC 24V
<b>Dimensions</b>	56.5mm (W) x 180 mm (H) x 130mm (D)

### PAR-2043-830



**PAR-2043-830** is an **Intel® Atom™ N270** industrial fanless embedded platform which features digital I/O with isolation protection and supports up to 4 COMs.

<b>CPU Speed</b>	1.6 GHz
<b>Processor</b>	Intel® Atom™ N270
<b>Isolated Digital I/O</b>	2500V isolation protection <b>3D-In:</b> Low Level: 0-3V, High Level: 10-50V <b>2D-Out:</b> 500mA drive capability
<b>Expansion</b>	1 Mini PCI, 1 Mini PCIe & 3 PCI-32
<b>Dimensions</b>	208mm (W) x 135 mm (H) x 230mm (D)

### PAR-2051M



**PAR-2051-M** is an **Intel® Atom™ N270** fanless embedded platform which features digital I/O with isolation protection and supports up to 3 COMs.

<b>CPU</b>	1.6GHz
<b>Processor</b>	Intel® Atom™ N270
<b>Memory</b>	512MB
<b>DB-9 RS-232/485</b>	232/485 x 2, 232 x 1
<b>Isolated Digital I/O</b>	3D-In & 2D-Out
<b>Expansion</b>	1 Mini-PCI, 1 Mini-PCIe & 1 PCI-32
<b>Dimensions</b>	208mm (W) x 125mm (H) x 230 mm (D)

### PAR-2192M-855



**PAR-2192M-855** features an **Intel® D510 Dual-Core** 1.6GHz processor. This fanless embedded platform supports GSM/GPRS/WCDMA/HSDPA and GPS.

<b>CPU</b>	1.6GHz
<b>Processor</b>	Intel® D510 Dual-Core
<b>Memory</b>	512GB
<b>Isolated Digital I/O</b>	2500V isolation protection <b>3D-In:</b> Low Level: 0-3V, High Level: 10-50V <b>2D-Out:</b> 500mA drive capability
<b>Expansion</b>	1 Mini-PCI, 1 Mini-PCIe & 1 PCI-32
<b>Dimensions</b>	208mm (W) x 115mm (H) x 230 mm (D)

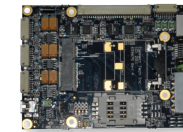
### PAR-2302-744D



**PAR-2302-744D** features an **Intel® i7** 4 Core Processor which offers high performance, yet is low on power consumption. Ideal for applications which require increased productivity, speed, high performance, large storage and modern graphic features.

<b>CPU</b>	2.1GHz 4C
<b>Processor</b>	i7-2710QE
<b>Memory</b>	4GB
<b>LAN/USB/COM</b>	2/6/5
<b>Expansion</b>	2 1x PCIe
<b>Dimensions</b>	300mm (W) x 146.5mm (H) x 220 mm (D)

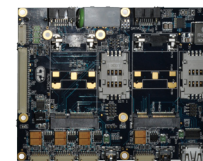
### Ultra Lite Qseven Carrier Board



The **Ultra Lite Qseven Carrier Board**, Pico-ITX form factor, integrates with any industry standard Qseven module.

<b>Form Factor</b>	Pico-ITX
<b>Connectors</b>	x1 Mini-PCIe and x1 SIM Card
<b>Interfaces</b>	1x SATA, 4x USB, LVDS Video
<b>Power</b>	+5V 6A, +12V 200ma
<b>Dimensions</b>	Pico-ITX, 72mm x 100mm

### Lite Qseven Carrier Board



The low cost, feature rich **Lite Qseven Carrier Board** integrates with any industry standard Qseven module.

<b>Form Factor</b>	PCI-104
<b>Connectors</b>	x2 Mini-PCIe and x2 SIM Card
<b>Interfaces</b>	2x SATA, 8x USB, LVDS & HDMI Video/Audio
<b>Power</b>	+5V 7A, +12V 200ma
<b>Dimensions</b>	128mm x 100mm

### COM Express™ Carrier



The **COM Express™ Carrier** is a full-featured compact carrier board that is compatible with COM Express™ Type 2 Basic and Compact modules.

<b>Expansion</b>	PC/104-Plus and PC/104-Express
<b>Interfaces</b>	1x SATA, 1x mSATA, 8x USB, LVDS, VGA Video, HD Codec Audio, Ethernet
<b>Power</b>	ATX
<b>Compatibility</b>	COM Express™ Type 2 Basic and Compact modules
<b>Dimensions</b>	135mm x 115mm

# Wireless M2M Connectivity

Ideal for rugged mobile, mission-critical and industrial strength applications

## ROADWARRIOR



**ROADWARRIOR** enables remote monitoring, controlling and collecting of data from multiple I/O interfaces through a wireless cellular data link or Low Earth Orbit (LEO) satellite.

Serial	2 x RS-232, 2 x RS-485
Cell Networks	HSPA/EV-DO/UMTS/EDGE/GPRS/CDMA
Satellite	LEO Satellite
Features	CAN, GPS, Bi-directional GPIO, Isolated GPIO and ADCs
Power	+9 to +30V DC with reverse polarity protection

- Remotely monitor, control and collect data from multiple I/O interfaces
- Control from any Internet connected device
- Operate on any cellular or Low Earth Orbit (LEO) network
- Free technical support



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## Product Guide Supplement

- Fanless Aluminum Embedded Products
- Qseven & COM Express™ Carrier Boards
- Cellular/Satellite M2M • Custom Solutions

New Products

FALL 2011



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