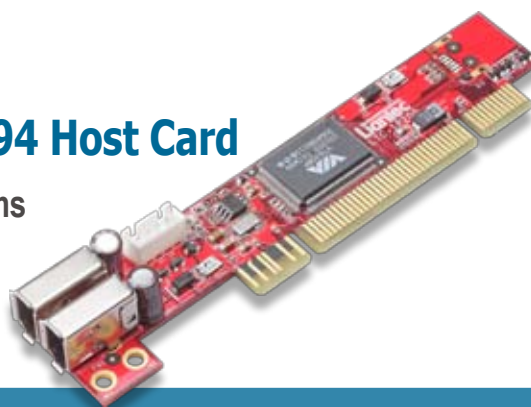


## LTC-1P200

### Ultra Low Profile 1U Slim PCI IEEE 1394 Host Card

- Ultra Low Profile with 27 mm Height for 1U Systems
- Dual External IEEE 1394a FireWire Connectors
- +12Vdc / 2A Power Output Shared on Two Ports



#### Overview

Liantec LTC-1P200 is an industrial Ultra Low Profile PCI-bus IEEE 1394a FireWire add-on card that meets slim 1U or 1.75 inches of system height without riser card.

- Ultra Low Profile / Slim 1U PCI add-on card form factor. Meets 1U (1.75 inches) height of slim Systems.
- Onboard VIA 6308 IEEE1394 FireWire controller.
- Supports IEEE 1394a FireWire 100/200/400 interface with 100 Mbit/s, 200 Mbit/s, and 400 Mbit/s of data transfer bandwidth.
- Dual external IEEE 1394a ports with 6-pin IEEE 1394a connectors.

- Supports +12Vdc / 2A of total power output shared on two ports.
- Customized power output via power input connector.
- Supports power-saving mode on ATX platform.
- Meet 1U (1.75 inches) height of slim systems. Install directly without additional riser card.
- Supports as many cards as PCI slots on motherboard in 1U system.
- Suitable for compact 2U height systems with better air flow for thermal solution.
- Compact size at 27 x 130 mm (H x L)

#### Specification

##### Form Factor

- Ultra low profile 1U PCI-bus add-on card.

##### Bus Interface

- 32-bit / 33MHz PCI bus interface on golded finger.
- PCI 2.3 compliant.

##### IEEE 1394 Host Controller

- VIA TV6308 IEEE 1394a host controller.

##### IEEE 1394 Mode

- IEEE 1394-1995 and IEEE 1394a-2000 compliant.
- 100 / 200 / 400 Mbit per second of data transfer rate.

##### External I/O Port

- Dual IEEE 1394a ports with 6-pin connector.

##### Power Output on IEEE 1394 Port

- +12Vdc / 2A (MAX) power output shared on two ports.
- Onboard power input connector for customized output.

##### Power Management

- Supports power saving mode on ATX platform.

##### Environment

- Power Requirement: +3.3V, +3.3Vsb. Optional +12Vdc for power output on IEEE 1394 connectors.
- Board Dimension: 27 x 130 mm (H x L)
- Operation Temperature: 0 ~ 60°C (32 ~ 140°F)
- Storage Temperature: -40 ~ 85°C (-40 ~ 185°F)
- Operating Humidity: 10 ~ 90% relative humidity, non-condensing.

#### Barebone Solution



##### LPC-R1C

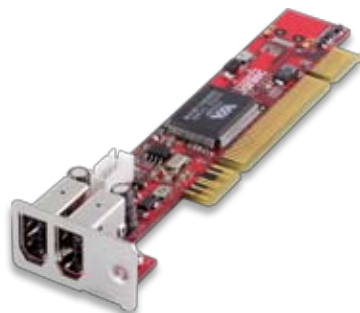
##### Industrial 1U 19" Rackmount Mini-ITX Solution

- 1U 19" Rackmount Mini-ITX Chassis with 430 x 44 x 210 mm (W x H x D) of Dimension
- Internal One 3.5" or Two 2.5" HDD/SSD Drive Bay
- Internal 250W AC/DC ATX Power Supply
- One 4020 System Fan on Back Panel
- Operating-Removable Air Filter on Front Panel
- Front Dual USB Ports
- Support Ultra Low Profile 1U Slim PCI / PCIe Card
- Removable Back Panel for Customized Motherboard

## External 1U/2U Bracket

LTC-1P200 offers two kind of brackets for Systems Integrators.

- **Ultra Low Profile 1U Bracket** for 1U slim systems without additional riser card.
- **Low Profile Bracket 2U Bracket** for 2U systems with external air holes, offers better air flow for thermal solution, suitable for compact and high performance computing Systems.



1U Ultra Low Profile Bracket



2U Low Profile Bracket with Air Holes

## Application Sample



LTC-1P200 Ultra Low Profile 1U Slim PCI IEEE 1394a FireWire Host Card, offers Dual IEEE 1394a Ports for 1U Slim Mini-ITX Computing Platform.

## Ordering Code

- LTC-1P200** Industrial Ultra Low Profile 1U Slim PCI IEEE 1394a FireWire Host Card with VIA VT6308 IEEE 1394a FireWire Controller
- 39BRK-1U1394a2** Ultra Low Profile 1U Slim Bracket with Dual IEEE 1394a Ports
- 39BRK-2U1394a2** Low Profile 2U Bracket with Dual IEEE 1394a Ports and Air Holes

For the further product information and updates about Liantec LTC-1P200 Industrial Ultra Low Profile 1U Slim PCI IEEE 1394a FireWire Host Card, please visit the website as below.

- > Product information : <http://www.liantec.com/product/ltc/LTC-1P200.htm>
- > Technical information : <http://support.liantec.com/product/LTC-1P200.htm>