

1uPCIe-1220

Ultra Low Profile 1U PCIe Dual Intel Gbit Ethernet Card

- » Meets Ultra Low Profile 1U Slim-type Systems with 31.5 mm of Card Height
- » Support by Motherboards with 1-lane PCI Express Extension Slot
- » Onboard Dual Intel i210 Gigabit Ethernet Controllers



Overview

Liantec 1uPCIe-1220 is an industrial ultra low profile PCI Express dual port Gigabit Ethernet adapter card with onboard dual Intel i210 PCIe Gbit Ethernet controllers, meets slim 1U or 1.75 inches of system height without additional riser card.

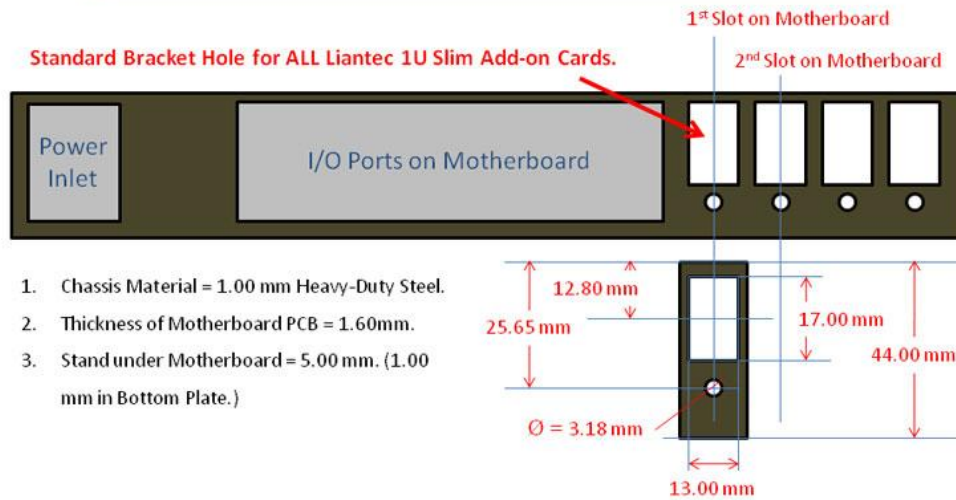
- Ultra low profile 1U PCI Express add-in card form factor. meets 1U (1.75inch) height of slim systems.
- x1 PCIe bus interface with onboard PCIe package switch controller.
- Onboard dual Intel i210 Gigabit Ethernet controllers.
- Support 10/100/1000BASE-TX auto-switching, IEEE802.3U compliant.
- Support Wake-On-LAN (WoL) function.
- External dual RJ45 connectors with Link and 100/1000 Mode LED.
- Meet 1U or 1.75 inches height of slim systems. Install directly without additional riser card.
- Suitable for 2U low profile systems with better air flow for thermal solution.
- Compact size @ 31.5 x 130 mm (H x L)

Specification

Form Factor	Ultra low profile 1U PCI Express Slim add-on card.
Bus Interface	x1 PCI Express golden finger with 1-lane PCI Express bus interface PCIe 2.0 with 5GT/s of data transfer bandwidth PCI Express 1.0a / 1.1 / 2.0 / 3.0 compliant
Ethernet Controller	Onboard Dual PCIe Intel i210 Gigabit Ethernet controllers Intel embedded solution with long-term supply.
Ethernet Mode	10/100/1000BASE-TX auto-switching Compliant with IEEE802.3x specification.
Wake-On-LAN (WoL)	Supports Wake-On-LAN (WoL) function.
External I/O Port	RJ45 Gigabit Ethernet port with Link / Mode LED
Environment	Power Requirement: +3.3Vsb, 3.3V, +12V. Board Dimension: 31.5 x 130 mm (H x L) Operating Temperature : 0 ~ 60°C (32 ~ 140°F) Storage Temperature : -40 ~ 85°C (-40 ~ 185°F) Operating Humidity : 10 ~ 90% relative humidity, non-condensing.

Chassis Design Guide

Ultra Low Profile 1U Slim Add-on Card 1U Chassis Design Guide



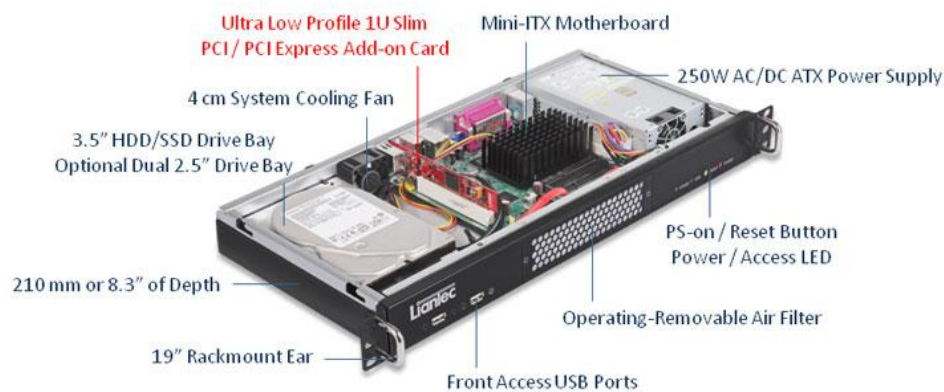
Liantec Systems Corporation <http://www.liantec.com>

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Industrial Ultra Low Profile 1U Slim Extension Solution

Ultra Low Profile 1U Slim Add-on Card 1U / Short Chassis Reference



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Industrial Ultra Low Profile 1U Slim Extension Solution

For the further information about the chassis design of Liantec 1uPCIe / 1uPCI series ultra low profile 1U slim PCIe / PCI add-on card, please contact with info@liantec.com.

Barebone Solution

Model Name	Description
<p><u>R1C</u></p> 	<p><u>Industrial 1U 19" Rackmount Mini-ITX Barebone Solution</u></p> <p>1U 19" Rackmount Chassis with 430 x 44 x 210 mm (W x H x D).</p> <ul style="list-style-type: none"> • Heavy-Duty Steel / Rugged Construction for Industrial Harsh Environment. • Mini-ITX Motherboard with PCIe / PCI Expansion Slot. • Support Ultra Low Profile Slim 1U PCIe / PCI Add-on Card. • Internal 1 x 3.5" / 2 x 2.5" HDD / SSD Drive Bay. • Internal AC/DC PSU with 85% Efficiency, Standby below 1 Watt. • One 4020 System Fan on Back Panel with Operating-Removeable Air Filter on Front Panel. • Front Dual USB Ports. • Removable Back Panel for Customized Motherboard.
<p><u>M2B</u></p> 	<p><u>Industrial Wallmount / Standalone Mini-ITX Barebone Solution</u></p> <p>Wallmount / Standalone Chassis with 230 x 88 x 230 mm (W x H x D).</p> <ul style="list-style-type: none"> • Heavy-Duty Steel / Rugged Construction for Industrial Harsh Environment. • Mini-ITX Motherboard with PCIe / PCI Expansion Slot. • Support Ultra Low Profile Slim 1U PCIe / PCI Add-on Card. • Internal 1 x 3.5" / 2 x 2.5" HDD / SSD Drive Bay. • Internal AC/DC PSU with 85% Efficiency, Standby below 1 Watt. • One 4020 System Fan on Back Panel with Operating-Removeable Air Filter on Front Panel. • Front Dual USB Ports. • Removable Back Panel for Customized Motherboard.

Ordering Code

Ordering Code	Description
1uPCIe-1220	Ultra Low Profile Slim 1U PCIe Dual Intel Gigabit Ethernet Card with Dual Intel i210 Gigabit Ethernet Controllers