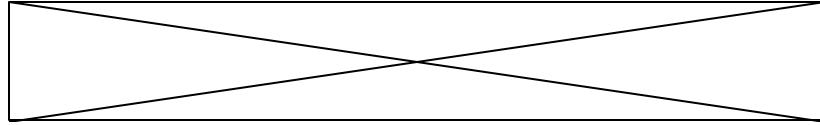


computer laptop repair

[Home](#) » [Products](#) [Checkout](#) [Contact Us](#) [Computer Repairs](#) [Computer Sales \(Clearance\)](#) [Jobs](#) [Reseller Program](#) [Bookmarks](#) | [Add bookmark](#) or press **Ctrl+D**.



[Onsite computer repairs & laptop repairs!](#)



Quick Find

**Quick Browse:** [Used Laptops](#) | [Used Computers](#) | [Used Servers](#) | [Used Laptop Parts](#) | [Clearance](#) | [Repairs](#)

Computer repairs and services (Laptop - Desktop - Server - Printer - Xbox - Playstation ...)

[Advanced Search](#)

Categories

- [Ex-lease Computers](#)
- [Laptop battery brands](#)
- [Laptop LCD Panel & Screen](#)
- [Used Apple Computers](#)
- [Ex-lease laptops](#)
- [Ex-lease monitors & LCD](#)
- [Laptop Parts accessories](#)
- [Used Ex-lease servers](#)
- [Computer parts](#)
- [Ex-Lease TPOS](#)



We provide computer repairs in Auckland and nationwide. also

- [Data Recovery](#)
- [Virus Removal](#)
- [Computer Networking](#)

**If you wish to pickup or drop off you computer we're open until 8pm (previous appointment required) so you don't need to cut your working hours for repairing your computer. All message on our phones or emails will be replied same day. Most of jobs will be process and delivered within 48 hours unless required xtra parts or upgrade. Faulty laptops that come to workshop for LCD replacement or upgrade are exception as some required xtra parts that might not be in stock.**

Before you go further you may wish to download the PDF format for sending your faulty laptop/computer to us if you are not in Auckland city. For downloading the

[Laptop battery brands](#)  
[Games](#)  
[Mobile phones](#)  
[Network](#)  
[Accessories](#)  
[PDA & Security](#)  
[Webcam & capture card](#)  
[Surveillance & TV Camera](#)  
[UPS & Batteries](#)  
[USED Copy Machines](#)  
[Used Ex-lease](#)  
[USED Printers](#)  
[Scanners](#)  
[Software](#)  
[Storage Device](#)  
[INK & Cartridges](#)  
[Sales - Repair items](#)  
[Laptop Keyboard](#)  
[Laptop Adapter](#)

Shopping Cart



Items

Manufacturers

Terms & Services

Giga Computers job sheet please click [Here](#)

are some of our other services in our Auckland store. we have most hard to find [laptop and computer parts](#) for all major laptop brands in stock located in Auckland, ie. adapter, screen, floppy, caddy, cd/dvd , mainboard and quick access to suppliers of second hand parts.

We also provide the advice you need to understand computer issues and make the right technology choices. For example::

- Should you upgrade to Windows XP or Windows Vista? If so, are your computers ready to run it?
- Should you upgrade your old computers, or buy new ones?
- Do you need to upgrade from peer-to-peer to a true client-server environment?

These are questions that computer users face every day, and we can fix and help you. We offer comprehensive computer consulting services for small business as well as home users.

We recognize how **important** it is to keep your system up and running. So we offer on-site service at your home or office.

Typical repair and upgrade services for desktops or laptops include:

- **software and hardware troubleshooting**
- **replacing hardware components**
- **upgrading an existing PC**
- **Faulty laptop mainboard (mother board)**
- **Dead mainboard flashing light**
- **Laptop doesn't charge the battery**
- **Laptop restart randomly**
- **line on LCD**
- **dim LCD on laptop**
- **over heating**
- **Noisy Fan on CPU**
- **Broken power jack**
- **DVD OR CD doesn't read**
- **faulty BIOS**
- **faulty hard drive (HDD)**
- **faulty laptop keyboard**
- **upgrading an existing PC**
- **making a computer network ready**

We service any computer brand including: DELL, Compaq, HP, IBM, Gateway, Toshiba, Sony, Packard Bell (EasyNote & other models, Acer, eMachines, Fujitsu,

[e Map](#)  
[Data Recovery](#)  
[Virus Removal](#)  
[Computer](#)  
[pairs](#)  
[Laptop Repairs](#)  
[Parts](#)  
[Laptop LCD](#)  
[nel](#)  
[Networking](#)  
[Onsite](#)  
[mputer repairs](#)  
[term of use](#)  
[Jobs](#)  
[Web Design](#)  
[PABX](#)  
[stallation](#)  
[purchase](#)  
[reement](#)  
[Finance](#)  
[tions](#)  
[School](#)  
[mputers](#)  
[recycling](#)  
[Buying laptop](#)  
[uide\)](#)  
[Online](#)  
[nking \(Guide\)](#)  
[olen items reports](#)  
[Mobile phone](#)  
[pairs](#)  
[ook repairs](#)  
[Contact Us](#)

Micron, NEC, Panasonic, Alienware, X-Box, X-Box mods & installation (upgrading Xbox HDD, Linux OS) & etc. in our Auckland store, also have express service for laptops repair with in auckland & nationwide.

## Giga Computers Laptop repair for brand name Laptops

Your laptop is out of warranty and now the manufacturer wants an arm and leg to repair it. A common situation indeed! We holds major manufacturer certifications and can repair your brand name laptop (IBM, DELL, HP, COMPAQ, SONY, ACER, TOSHIBA, ASUS, COMPAQ, APPLE IBOOK &so many other models..We can help with:

- Dell Laptop - Computer repair (Latitude, inspiron, precision,OptiPlex, Dimension, Precision, Tablet & etc.
- Compaq laptop - Desktop repair (Armada, Evo, Presario, Pavilion & etc.
- Toshiba laptop repair (Satellite, Satellite Pro, Liberto, Qosmio, Tecra ...
- Alienware laptop repair
- HP (Hewlett Packard) laptop repair
- Prostar laptop repair
- Averatec laptop repair
- SONY laptop repairs
- Apple Macintosh computer & laptop repair
- Ibook laptop repair
- IBM Thinkpad repair
- Sony vaio laptop repair
- Compaq laptop repair
- Acer laptop repair
- Toshiba laptop repair
- Asus laptop repair
- and so many others

We have fixed and repaired computers and laptops for most of the known and even unknown brands included 3Com, 3dfx, 3G Technology, 3M, Acer, Advent, Agfa, Allsop, Altec Lansing, America Online, Apple, Archos, ATI Technologies, Belkin, Benwin, Best Data Products, Body Glove, Brother, Canon, CardScan, Case Logic, Casio, Castlewood Systems, CD Projects, CIDCO, CMC Magnetics, Command Communications, Creative Labs, Creative Manufacturing, Curtis Computer Products, Dazzle Multimedia, Delkin, Diamond Multimedia, DiscRestore International, Discwasher, DLink, Eiger Labs, Energizer, Entrega Technologies, Epson, EXP Computer, Eveready, Ezonics, Fellowes, Fuji, Gateway, Genovation, GeoDiscovery, Global Access, Good Technology, Gravis, Great Gizmos, Harman Kardon, Hawking Technology, HewlettPackard, Hitachi, IBM, IJam, Imation, Incase Designs, Incipio, InnoGear, Intel, InterAct, Interex, Invent It, Iomega, iPod, Jensen, Karrier Communications, KDS, Kensington, Kenwood, KLH, Kodak, Koss, LaCie, Labtec,

LandWare, LaserLine, Lexar, Lexmark, Linksys, Logitech, MacTec Products, Maxell, Maxtor, Mead Laserline, Memorex, Micro Innovations, Microsoft, Microtek, Minolta, Monster Cable, Motion Systems, NEC Mitsubishi, NEC Technologies, Netgear, New Media Tech, Nikon, Ofoto, Olympus, OmniSky, OnStream, Pacific NeoTek, PalmOne, Panasonic, PDA Panache, Philips, Pinnacle Systems, Plantronics, PNY, Pocket Express, Polaroid, Pretec, Princeton, Psion, Rand McNally, RCA, Recoton, RhinoSkin, Royal, Saitek, Samsonite, Samsung Computer AddOns, SanDisk, Seiko Instruments, Sharp, SimpleTech, Singapore Shinei Sangyo, SkipDoctor, SMC Networks, Socket Communications, Sony, Sumdex, Sylvania, Targus, TDK, Teac, Texas Instruments, Toshiba, Tripp Lite, Umax, Vadem, ViewSonic, Viking Components, Visioneer, Vivonic, Western Digital, WinBook, Xircom, Yamaha, Zenith, Zoom. we have fixed so many common faults with laptops like apple ibook common faults, LCD screen and backlight inverter common faults also mainboard GPU fault (Graphic processor unit) by hardwiring. We also know many other common faults with Toshiba Tecra, Apple, IBM, Acer and our technicians have a lot of experience about the common faults happened with laptops. We can fix your laptop no matter if your computer or laptop hasn't English setup, like Japanese language, Chinese language, Korean language, Indian language, Hebro language, Farsi language, Turkish, Russian, Spanish, French, German, Swedish, Greek and so many other languages. We can fix your laptop if there is a memory problem, BIOS failure, Startup error, BIOS locks, freezing, blank screen, boot failure, DVD or CDROM doesn't read, line on screen, cracked screen, XP blue screen, disk boot failure, can not read disk, CMOS failure, No boot, no screen, no power on, flashing screen, dim screen, faded screen, keyboard failure, startup crash, hanging, resetting or rebooting, motherboard problem, noisy fan, fan problem, speaker crackling, dry joints, faulty inventor, USB not recognized, Video problems, CPU issues, CMOS battery failure, IDE drive issues, fire wire problem, modem not connecting, battery not holding charge, battery not charging, audio problems, Device drivers failure, Device drivers issues, PCMCIA faulty, modem problem, ADSL problem, network failure, Error messages & Error codes, continues beep, flashing lights only, hard drive not recognizing, device drivers problem and so many other errors and problems.

### Is your service guaranteed and does it have warranty?

Great question! Every Laptop that our technicians touch is automatically covered under warranty. For our laptop customers you automatically are covered for 90 days. All our prices are inclusive of parts and labor.

### What can you repair in my laptop?

- Power plug (DC out) won't charge your battery? Giga Computers can repair your laptop!
- Laptop Keyboard is stuck or won't function? Giga Computers can repair your

laptop keyboard!

- Laptop LCD & backlight / Screen not working? Giga Computers can repair your laptop LCD or backlight!
- Random Error code at startup? Giga Computers can repair your laptop!
- Need to upgrade a Laptop part? Giga Computers can help you upgrade your laptop.
- Laptop CD drive does not work or can't burn any cds? Giga Computers can repair your laptop CD drive.
- Have other laptop main board or Motherboard problems. Giga Computers can repair your laptop Mainboard or Motherboard.
- You want to upgrade your laptop main board, we can change the CPU and put a higher CPU on your main board.

You have a Laptop that is causing problems and need it repaired – Giga Computers can and will repair your laptop. It is just that simple!

### Water/Liquid Damage to Notebooks:

Any liquid into a Notebook computer should be treated very carefully. We recommend that you do not try to turn on your Laptop for at least one week, and bring it to our 245 Church St. Onehunga 1061 - Auckland location as soon as possible, where we can open it and try to dry it out for you. Most common 'liquid in contact with a Laptop' is damage to the keyboard or mainboard.

### Power Connection Issues:

Do you have one of the following problems?

- Your laptop fell from the table or somebody tripped on the wire and now you have to 'wiggle the power cable' in order for the laptop to get power?
- When you plug your power cable in the back of the laptop the connection feels loose?
- Your Laptop / Notebook battery doesn't charge anymore?
- The display on your laptop flickers and/or you can hear "popping" and "scratching" noises from the back of the laptop?

Most power connectors are damaged by accident: falling, tripping over a wire, etc. If the DC-IN power connector is no longer connected to the motherboard, the power adaptor can no longer supply power to the laptop, so the battery supplies power until it dies.

When the DC power jack is loose, the most important step is to stop wiggling it and get it either replaced or resoldered. Most laptops draw quite a lot of power, typically 3.5 to 6A. If the DC power connector is loose under these conditions, the harder it is to fix, making it impossible in some cases.

We service laptops with bad/broken DC power connectors by resoldering or replacing them. This is much cheaper than replacing the laptop's mainboard. Our current success rate for this repair is over 95%. However, there are rare cases when the mainboard is damaged beyond repair. Unfortunately it is impossible to estimate that before disassembling the laptop and removing the DC connector.

Our Terms for this service are as follows:

The whole procedure: complete disassembling, unsoldering the old DC connector, soldering new connector (if replacing), adapting the laptop case to fit the new connector (if necessary), full reassembling, usually requires from 3 to 3:30 hours labor.

Cost: \$130 to \$150

### LCD (Liquid Crystal Display) Monitors:

- Broken/Damaged Screen/Monitor: ([See our monitor repairs documentation first](#))

In most cases the screen itself must be replaced entirely, and the process of contacting your Laptop/Notebook's manufacturer to order the screen for that precise model is time consuming. The cost of purchasing the actual screen can sometimes be expensive as well, but with us you can be assured that we will do our best to find the most cost-effective way for you to have us repair your broken screen.

LCD Screen/Monitor Installation: \$69.00 (labor) + price of new screen

### Mainboard Problems:

- In most cases to repair a mainboard is more expensive, in the end, than it is to purchase a new or used laptop- though this is not the rule. The first thing to be done is to contact the manufacturer of your Laptop/Notebook, and inquire about replacing the mainboard. Bring your computer in to us, and we will diagnose the problem for you - within 24 hours we will know what the repair requirement will be for your computer.

### Keyboard Problems:

- Keyboards often become damaged even in the normal course of using the Laptop/Notebook, and they require replacing after a certain amount of

time. To repair a single key or a small number of keys is not usually not possible, or practical - replacing the keyboard entirely is not one of the more expensive services we offer.

Keyboard Installation: \$45.00 (labor) + price of new keyboard

## Upgrades:

It is possible to upgrade your Laptop

/Notebook in many different ways, but in general there are two main areas:

- Hardware:
  - Memory Chip (RAM - Random Access Memory)
  - Hard Drive (HDD)
- Software:
  - You may upgrade your Operating System (Windows) from Windows98, 98SE, ME, to Win2000, or any to Win2000 or to Windows XP Home or XP Pro or Windows Vista, providing your Laptop/Notebook meets the requirements(\*)

(\* To upgrade your Operating System to Windows XP Home or Windows XP Pro (not for windows Vista), the requirements are that you have at least 256megabytes of RAM (256mb RAM) and a minimum of 2 Gigabytes (2Gb) of Hard Drive space available for the system to install properly.

We also emphasize preventive maintenance and data backup services (only Auckland and suburbs), to keep your systems running smoothly and ensure that your valuable data is properly backed up in the event of a disaster. Our store is located in Auckland - Royal Oak by the roundabout, close to Royal Oak shopping mall with plenty of parking space. every week we serve lots of happy customers around Auckland central, auckland city, Mt. Eden, Mt. Albert, Manukau Rd., Epsom, Newmarket, Balmoral, Penrose, Panmure, Glenn eden, St. lukes, avondale, onehunga, Mt. wellington, One tree hill, three kings, Mt. roskill, Remuera etc. all auckland suburbs. also we do Data recovery NZ wide for individuals and businesses. We fix and have available parts for all branded laptops (APPLE, IBOOK, IBM, DELL, HP, COMPAQ, SONY, ACER, ASSUS, etc) nationwide, If you are located out of the Auckland area you can use our registered courier service as well. that way our courier company will pickup your laptop from your place. We have access to a wide range of laptop [LCD screens](#) and [parts](#) as well as Apple hard to find items like DVDROM, Ibook LCD, Ibook keyboard and other genuine Apple used parts. We also offer Linux support, Linux Server support and web server setup and Apple Mac support through our Linux and Mac experts. If you have problems with Linux or Mac computers, or you wish to set up a mixed network of Windows, Linux and Mac computers give us a call through our contact pages. custom web servers and dedicate

servers are also available in our private rack cabinet. Our technicians can help you to fix your computers, lcd, plasma TVs and displays on site.

## Laptop BIOS password removal service

- Forgotten/Lost your laptop password?
- Trying to change password protected BIOS settings?
- Just inherited a co-workers laptop with a password?
- Are there laptops in your company with lost passwords?

We have the ability to read or erase most laptop passwords on site in our workshop. We can remove password on IBM pc's. Most companies that offer IBM laptop password removal can't remove password on the hard drive, We can. We can remove power on passwords, supervisor passwords.

Our laptop bios password removal service is available for all makes and models of laptops. Turnaround time is between 3-4 days.

Most manufacturers will recommend that the mainboard (motherboard) will need to be replaced if password is lost. This is untrue and just a money making policy by manufacturers.

## OUR SERVICES

- Power on password (pop) removal
- Supervisor password removal
- Bios Password removal
- Hard Disk (hard drive) password removal

We also emphasize preventive maintenance and data backup services (only Auckland and surrounding areas). We ensure that your valuable data is properly backed up in the cloud. Our store is located in Auckland - Royal Oak by the roundabout, close to Royal Oak shopping centre parking space. every week we serve lots of happy customers around Auckland central, Albert, Manukau Rd., Epsom, Newmarket, Balmoral, Penrose, Panmure, Glenn Eden, St. Albans, Mt. Wellington, One Tree Hill, Three Kings, Mt. Roskill, Remuera etc. all Auckland. Data recovery NZ wide for individuals and businesses. We fix and have available parts for (APPLE, IBOOK, IBM, DELL, HP, COMPAQ, SONY, ACER, ASSUS, etc) nationwide. In the Auckland area you can use our registered courier service as well. that way our courier can pick up your laptop from your place. We have access to a wide range of laptop [LCD screens](#) and hard to find items like DVDROM, Ibook LCD, Ibook keyboard and other genuine Apple parts. We offer Linux support, Linux Server support and web server setup and Apple Mac support through our experts. If you have problems with Linux or Mac computers, or you wish to set up a mixed operating system and Windows Vista, Linux and Mac computers give us a call through our contact pages. Our dedicated servers are also available in our private rack cabinet. Our technicians can help you

lcd, plasma TVs and displays on site.

Supports for IBM, DELL, Toshiba, HP & Compaq Drivers and Falsh BIOS

DELL Support and Drivers

**Option 1: Use a Service Tag**

Service Tag:

[What is a Service Tag?](#) | [Find My Service Tag](#)

**OR**

**Option 2: Select a Product**

1. Product Type:

2. Product Model:

---

## HP & Compaq Driver Support

- [Compaq Armada Notebook PCs](#)
- [Compaq Concerto PCs](#)
- [Compaq Contura PCs](#)
- [Compaq Evo Notebook PCs](#)
- [Compaq LTE PCs](#)
- [Compaq Portable PCs](#)
- [Compaq Presario Notebook PCs](#)
- [Compaq ProSignia Notebook PCs](#)
- [Compaq SLT PCs](#)
- [HP Compaq Notebook PCs](#)
- [HP OmniBook Notebook PCs](#)
- [HP Pavilion Notebook PCs](#)
- [HP Special Edition Notebook PCs](#)

## [Rugged Notebook PCs](#)

Toshiba Drivers support

Product	Family	Series
Digital Audio and Video	Accessories	R20 Series
<b>Notebooks</b>	Libretto	R10 Series
Projectors	Portege	P33 Series
Personal Storage	Qosmio	P30 Series
PocketPC	Others	P26 Series
Storage	<b>Satellite</b>	P20 Series
	Satellite Pro	P100 Series(Sat)
	T-Series	M73 Series
		M71 Series
		M70 Series

**Driver Downloads if you have device driver trouble.**

**To keep your laptop in perfect working order, it may be necessary to update various hardware from the list below, and click the link to go to the manufacturer's driver page.**

**Compaq Evo Laptop Drivers:**

**<http://h18007.www1.hp.com/support/files/evonotebook/us/index.html>**

**Compaq Armada Laptop Drivers:**

**<http://h18007.www1.hp.com/support/files/armada/us/index.html>**

**Compaq Tablet PC Drivers:**

**<http://h18007.www1.hp.com/support/files/compaqttabletpc/us/index.html>**

**For all Toshiba Laptop Drivers:**

**<http://203.56.127.6/site/open/support/bvfiles.html>**

IBM ThinkPad drivers support

- . [ThinkPad A20m, A20p](#)
- . [ThinkPad A21e, A21m, A21p](#)
- . [ThinkPad A22e](#)
- . [ThinkPad A22m, A22p](#)
- . [ThinkPad A30, A30p, A31, A31p](#)
- . [ThinkPad G40, G41](#)
- . [ThinkPad R30, R31, R32](#)
- . [ThinkPad R40, R40e](#)
- . [ThinkPad R50, R50p](#)
- . [ThinkPad R50e](#)
- . [ThinkPad R51](#)
- . [ThinkPad R51e](#)
- . [ThinkPad R52](#)
- . [ThinkPad R60](#)
- . [ThinkPad R60e](#)
- . [ThinkPad T20, T21](#)
- . [ThinkPad T22, T23](#)
- . [ThinkPad T30](#)
- . [ThinkPad T40, T40p, T41, T41p](#)
- . [ThinkPad T42, T42p](#)
- . [ThinkPad T43, T43p](#)
- . [ThinkPad T60, T60p](#)
- . [ThinkPad X20, X21, X22, X23, X24](#)
- . [ThinkPad X30, X31, X32](#)
- . [ThinkPad X40, X41, X41 Tablet](#)
- . [ThinkPad X60, X60s](#)
- . [ThinkPad Z60m, Z60t](#)
- . [ThinkPad Z61e, Z61m, Z61t](#)

### Older systems

- . [ThinkPad TransNote](#)
- . [ThinkPad i Series 1200, 1300 Series one, two \(Machine types: 1161, 1171, 2666, 2667\)](#)
- . [ThinkPad i Series 1200, 1300 Series three, four \(Machine types: 1161, 1171, 2666, 2667\)](#)
- . [ThinkPad i Series 1400, 1500 \(Machine Type - 2611\)](#)
- . [ThinkPad i Series 1400, 1500 \(Machine Type - 2621 and 2651\)](#)
- . [ThinkPad 240, 240X, 240Z](#)
- . [ThinkPad 365](#)
- . [ThinkPad 380, 385](#)
- . [ThinkPad 390, 390E, 390X, i Series 172x](#)
- . [ThinkPad 560, 560E](#)
- . [ThinkPad 560X, 560Z](#)
- . [ThinkPad 570, 570E](#)
- . [ThinkPad 600, 600E, 600X](#)
- . [ThinkPad 750, 755](#)
- . [ThinkPad 760, 765](#)
- . [ThinkPad 770, 770E, 770X, 770Z](#)

### What is a POST error code In IBM computers?

POST numeric error codes are errors that occur during system bootup. If you have recently installed a new system:

- Ensure all connections are firm and proper.
- Ensure all options are [compatible](#) with your system.
- Ensure all options are configured properly, per your system's [Hardware Maintenance](#)

### Troubleshooting steps

1. **Boot the system and take note of the POST error code you are receiving.**
2. **Lookup the POST error code in the table below. Troubleshoot or run diagnostic**

- [Troubleshoot IntelliStation components](#)
- [Download diagnostics](#)

3. **Note:** Some parts may need replacement by an IBM Authorized Service Technician

The following error messages can occur when you are booting your system. In the following Component(s) column will tell you which component to troubleshoot, or which part might

<b>POST error code</b>	<b>Component(s) to troubleshoot or replace</b>
000 SCSI Adapter not enabled.	Verify adapter device and Bus Master field configuration program. See documentation
02X (e.g. 020-029)	SCSI Adapter
08X Check SCSI terminator installation.	1. SCSI Cable 2. SCSI Terminator 3. SCSI Device 4. SCSI Adapter
101 System board interrupt failure.	System Board
102 System board timer error.	System Board
106	System Board
110 System board memory parity error.	1. Memory Module 2. System Board

111 I/O channel parity error.	<ol style="list-style-type: none"> <li>1. Reseat adapters</li> <li>2. Any Adapter</li> <li>3. System Board</li> </ol>
114 Adapter ROM error.	<ol style="list-style-type: none"> <li>1. Adapter Memory</li> <li>2. System Board</li> </ol>
129 Internal cache test error.	<ol style="list-style-type: none"> <li>1. Processor</li> <li>2. L2 Cache Memory</li> <li>3. System Board</li> </ol>
151 Real-time clock failure.	System Board
161 Bad CMOS battery.	<ol style="list-style-type: none"> <li>1. Run Setup</li> <li>2. CMOS Backup Battery</li> <li>3. System Board</li> </ol>
162 Configuration mismatch.	<ol style="list-style-type: none"> <li>1. Run Setup and verify Configuration</li> <li>2. Had a device been added, removed, char device</li> <li>3. Power-on external devices first, then po</li> <li>4. CMOS Backup Battery</li> <li>5. System Board</li> </ol>
162 And unable to run diagnostics.	<ol style="list-style-type: none"> <li>1. Diskette Drive</li> <li>2. System Board</li> <li>3. Diskette Drive Cable</li> </ol>
163 Clock not updating or invalid time set.	<ol style="list-style-type: none"> <li>1. Set the Time and Date in F1 CMOS setu</li> <li>2. CMOS Backup Battery</li> <li>3. System Board</li> </ol>
164 POST detected a base memory or extended memory size mismatch error.	<ol style="list-style-type: none"> <li>1. Run F1 Setup. Check System Summary</li> <li>2. Run the Extended Memory Diagnostic t</li> </ol>
166 Boot Block Check Sum Error	<ol style="list-style-type: none"> <li>1. Run Flash Recovery using Boot Block. 1 jumper"</li> <li>2. System Board</li> </ol>
167 Microprocessor installed that is not supported by the current POST/BIOS.	<ol style="list-style-type: none"> <li>1. Run Setup. Check Stepping level for the the flash update.</li> <li>2. Processor</li> </ol>
168 Alert on LAN error	<ol style="list-style-type: none"> <li>1. Run Setup. Check to see that Ethernet ar</li> <li>2. System Board</li> </ol>
17X, 18X	C2 Security

175	1. Run Configuration via the F1 Setup Util 2. System Board
176	Covers were removed from the computer.
177 Corrupted Administrator Password.	System Board
178	System Board
183	Enter the administrator password
184 Password removed due to check-sum error.	Enter new password
185 Corrupted boot sequence.	Set configuration and reinstall the boot seq
186	System Board
187	1. Clear Administration password 2. System Board
189	More than three password attempts were m
190 Chassis intrusion detector was cleared. This is information only, no action required. If this code does not clear:	System Board
1XX Not listed above.	System Board
201,20X Memory data error.	1. Run Enhanced Diag. Memory Test 2. Memory Module 3. System Board
225	Unsupported Memory
229 External cache test error.	1. L2 Cache Memory 2. System Board
262 POST detected a base memory or extended memory type error.	1. Run F1 Setup. Check System Summary 2. Run the Extended Memory Diagnostic t

301	<ol style="list-style-type: none"> <li>1. Keyboard</li> <li>2. Keyboard Cable</li> <li>3. System Board</li> </ol>
303 With an 8603 error.	<ol style="list-style-type: none"> <li>1. Mouse</li> <li>2. Keyboard</li> <li>3. Keyboard Cable</li> <li>4. System Board</li> </ol>
303 With no 8603 error.	<ol style="list-style-type: none"> <li>1. Keyboard</li> <li>2. Keyboard Cable</li> <li>3. System Board</li> </ol>
3XX Not listed above.	<ol style="list-style-type: none"> <li>1. Keyboard</li> <li>2. Keyboard Cable</li> <li>3. System Board</li> </ol>
5XX	<ol style="list-style-type: none"> <li>1. Video Adapter (if installed)</li> <li>2. System Board</li> </ol>
601	<ol style="list-style-type: none"> <li>1. Diskette Drive A</li> <li>2. Diskette Drive Cable</li> <li>3. System Board</li> </ol>
602	<ol style="list-style-type: none"> <li>1. Bad Diskette ?</li> <li>2. Verify Diskette and retry.</li> </ol>
604 And able to run diagnostics.	<ol style="list-style-type: none"> <li>1. Run Setup and verify diskette configuration</li> <li>2. Diskette Drive A/B</li> <li>3. Diskette Drive Cable</li> <li>4. System Board</li> </ol>
605 POST cannot unlock the diskette drive.	<ol style="list-style-type: none"> <li>1. Diskette Drive</li> <li>2. Diskette Drive Cable</li> <li>3. System Board</li> </ol>
662	Diskette drive configuration error or wrong Configuration.
6XX Not listed above.	<ol style="list-style-type: none"> <li>1. Diskette Drive</li> <li>2. System Board</li> <li>3. External Drive Adapter</li> <li>4. Diskette Drive Cable</li> </ol>

	5. Power Supply
762 Math coprocessor configuration error.	1. Run Setup 2. Processor 3. System Board
7XX Not listed above.	1. Processor 2. System Board
962 Parallel port configuration error.	1. Run Configuration 2. Parallel Adapter (if installed) 3. System Board
9XX	1. Printer 2. System Board
1047	16-Bit AT Past SCSI Adapter
107X Check SCSI terminator installation.	1. Check SCSI terminator installation. 2. SCSI Cable 3. SCSI Terminator 4. SCSI Device 5. SCSI Adapter
1101 Serial connector error, possible system board failure.	Run Enhanced Diagnostics
1101,1102,1106, 1108,1109	1. System Board 2. Any Serial Device
1107	1. Communications Cable 2. System Board
1102 Card selected feedback error.	Run Enhanced Diagnostics
1103 Port fails register check.	1. Run Enhanced Diagnostics 2. System Board
1106 Serial option cannot be turned off.	1. Run Enhanced Diagnostics 2. System Board
1107	1. Serial Device Cable 2. System Board

1110 Register test failed.	1. Run Enhanced Diagnostics 2. System Board
1116 Interrupt error.	Run Enhanced Diagnostics
1117 Failed baud rate test.	Run Enhanced Diagnostics
1162 Serial port configuration error.	1. Run Configuration 2. Serial Adapter (if installed) 3. System Board
11XX Not listed above.	System Board
1201	1. System Board 2. Any Serial Device
1202,1206,1208, 1209,12XX	1. Dual Async Adapter/A 2. System Board 3. Any Serial Device
1207	1. Communications Cable 2. Dual Async Adapter/A
13XX	Game Adapter
1402 Printer not ready.	Information only
1403 No paper error, or interrupt failure.	Information only
1404 System board timeout failure.	Run Enhanced Diagnostics
1405 Parallel adapter error.	Run Enhanced Diagnostics
1406 Presence test error.	Run Enhanced Diagnostics
14XX Not listed above. Check printer before replacing system board.	1. Printer 2. System Board
15XX	SDL.C Adapter
1692 Boot sequence error.	Run FDISK to ensure at least one active pa

16XX	36/38 Workstation Adapter
1762 Harddisk drive configuration error,	Run Configuration via the F1 Setup Utility
1780 (Disk Drive 0) 1781 (Disk Drive 1) 1782 (Disk Drive 2) 1783 (Disk Drive 3)	<ol style="list-style-type: none"> <li>1. Power Supply</li> <li>2. Hard Disk Drive</li> <li>3. System Board</li> <li>4. Hard Disk Cable</li> </ol>
180X, 188X PCI configuration or resource error.	<ol style="list-style-type: none"> <li>1. Run Setup and verily PCI/ISA configura</li> <li>2. If necessary, set ISA adapters to "Not av</li> <li>properly configure.</li> <li>3. Remove any suspect ISA adapters.</li> <li>4. Rerun diagnostics.</li> <li>5. PCI Adapter</li> </ol>
1962 Boot sequence error.	Possible hard disk drive problem
209X	<ol style="list-style-type: none"> <li>1. Diskette Drive</li> <li>2. Diskette Cable</li> <li>3. 16-bit AT Fast SCSI Adapter</li> </ol>
20XX Not listed above	BSC Adapter
21XX	<ol style="list-style-type: none"> <li>1. SCSI Device</li> <li>2. 16-bit AT Fast SCSI Adapter</li> <li>3. Alternate BSC Adapter</li> </ol>
2401,2402 If screen colors change.	Display
2401,2402 If screen colors are OK.	<ol style="list-style-type: none"> <li>1. System Board</li> <li>2. Display</li> </ol>
2409	Display
2410	<ol style="list-style-type: none"> <li>1. System Board</li> <li>2. Display</li> </ol>
2462 Video memory configuration error.	<ol style="list-style-type: none"> <li>1. Check cable connections.</li> <li>2. Run Setup and verify video configuratio</li> <li>3. Video Memory Modules</li> <li>4. Video Adapter (if installed)</li> <li>5. System Board</li> </ol>

3015,3040 Check for missing wrap or terminator plug on the adapter.	<ol style="list-style-type: none"> <li>1. Network Attached?</li> <li>2. LF Translator</li> <li>3. Cable Problem</li> <li>4. PC Network Adapter</li> </ol>
30XX	<ol style="list-style-type: none"> <li>1. PC Network Adapter</li> <li>2. LF Translator</li> <li>3. Cable Problem?</li> </ol>
3115,3140	<ol style="list-style-type: none"> <li>1. Network Attached?</li> <li>2. LF Translator</li> <li>3. Alternate PC Network-Adapter</li> <li>4. Cable Problem</li> </ol>
31XX	<ol style="list-style-type: none"> <li>1. Alternate PC Network Adapter</li> <li>2. LF Translator</li> <li>3. Cable Problem</li> </ol>
36XX	GPIB Adapter
38XX	DAC Adapter
4611,4630	<ol style="list-style-type: none"> <li>1. Multiport/2 Interface Board</li> <li>2. Multiport/2 Adapter</li> </ol>
4612,4613 4640,4641	<ol style="list-style-type: none"> <li>1. Memory Module Package</li> <li>2. Multiport/2 Adapter</li> </ol>
4650	Multiport Interface Cable
46XX No) listed above.	<ol style="list-style-type: none"> <li>1. Multiport/2 Adapter</li> <li>2. Multiport/2 Interface Board</li> <li>3. Memory Module</li> </ol>
5600	Financial System Controller Adapter
5962 An IDE device (other than hard drive) configuration error.	<ol style="list-style-type: none"> <li>1. Run Configuration</li> <li>2. CD-ROM Drive</li> <li>3. CD-ROM Adapter</li> <li>4. ZIP or other ATAPI device</li> <li>5. System Board</li> </ol>

62XX	1. 1st Store Loop Adapter 2. Adapter Cable
63XX	1. 2nd Store Loop Adapter 2. Adapter Cable
64XX	Network Adapter
71XX	Voice Adapter
74XX	Video Adapter (if installed)
76XX	Page Printer Adapter
78XX	High Speed Adapter
79XX	3117 Adapter
80XX	PCMCIA Adapter
84XX	1. Speech Adapter 2. Speech Control Assy.
8601,8602	1. Pointing Device (Mouse) 2. System Board
8603,8604	1. System Board 2. Pointing Device (Mouse)
86XX Not listed above	1. Mouse 2. System Board
89XX	1. PC Music Adapter 2. MIDI Adapter Unit
91XX	1. Optical Drive 2. Adapter
96XX	1. SCSI Adapter 2. Any SCSI Device 3. System Board

10101,10102,10104 10105,10106,10107 10108,10109,10111 10112,10113,10114 10115,10116	1. Have customer verify correct operating : and operational. 2. Modem
10103,10110,101171	1. System Board 2. Data/Fax Modem
10117 Not listed above.	1. Check system speaker 2. Check PSTN cable 3. External DAA (if installed) 4. Modem
10118	1. Run Diagnostics and verify the correct o 2. Modem
10119	1. Diagnostics detected a non-IBM modem 2. Modem
10120	1. Check PSTN Cable 2. External DAA (if installed) 3. Modem
10132,10133.10134 10135,10136,10137 10138,10139,10140 10141,10142,10143 10144.10145,10146 10147,10148,10149 10150,10151,10152	Modem
10153	1. Data/Fax Modem 2. System Board
101XX Not listed above.	1. Modem Adapter/A 2. Data/Fax Modem 3. System Board
10450,10451,10490 10491,10492,10499 Read/Write error.	1. Run Enhanced Diagnostics 2. Hard Disk Drive 3. System Board
10452 Seek test error.	Run Enhanced Diagnostics
10453 Wrong drive type?	Information only
10454 Sector buffer test error.	Run Enhanced Diagnostics

10455,10456 Controller error.	Run Enhanced Diagnostics
10459 Drive diagnostic command error.	Information only
10461 Drive format error	Run Enhanced Diagnostics
10462 Controller seek error.	Run Enhanced Diagnostics
10464 Hard Drive read error.	Run Enhanced Diagnostics
10467 Drive non fatal seek error.	Run Enhanced Diagnostics
10468 Drive fatal seek error.	Run Enhanced Diagnostics
10469 Drive soft error count exceeded.	Run Enhanced Diagnostics
10470,10471,10472 Controller wrap error.	Run Enhanced Diagnostics
10473 Corrupt data. Low level format might be required.	Information only
10480	1. Hard Disk Drive (ESDI) 2. Drive Cable 3. System Board
10481 ESDI drive D seek error.	Run Enhanced Diagnostics
10482 Drive select acknowledgement bad.	Run Enhanced Diagnostics
106X1	1. Check Configuration 2. Ethernet Adapter
10635	1. Power-off computer, wait ten seconds;th 2. Ethernet Adapter
10651,10660	1. Check Cables 2. Ethernet Adapter
106XX Not listed above.	Ethernet Adapter
107XX	1. 5.25-inch External Diskette Drive

	2. 5.25-inch Diskette Drive Adapter/A
109XX Check the adapter cables.	1. ActionMedia Adapter/A 2. System Board
112XX This adapter does not have cache.	1. SCSI Adapter 2. Any SCSI Device 3. System Board
119XX	3119 Adapter
121XX	1. Modem Adapter 2. Any Serial Device 3. System Board
136XX	1. ISDN Primary Rate Adapter 2. System Board
137XX	System Board
141XX	Realtime Interface Coprocessor Portmaster
143XX	1. Japanese Display Adapter 2. System Board
14710,14711	1. System Board Video Adapter 2. Adapter Video Memory
148XX	Video Adapter
14901,14902 1491X, 14922	1. Video Adapter (if installed) 2. System Board 3. Display (any type)
14932	1. External Display 2. Video Adapter
161XX	FaxConcentrator Adapter
164XX	1. 120 MB Internal Tape Drive 2. Diskette Cable 3. System Board

16500	6157 Tape Attachment Adapter
16520,16540	1. 6157 Streaming Tape Drive 2. 6157 Tape Attachment Adapter
166XX, 167XX	1. Token Ring Adapter 2. System Board
18001 to 18029	1. Wizard Adapter 2. Wizard Adapter Memory
18031 to 18039	Wizard Adapter Cable
185XXXX	1. DBCS Japanese Display Adapter/A 2. System Board
20001 to 20003	1. Image Adapter/A Image-1 Adapter/A 2. Memory Module DRAM, VRAM
20004	1. Memory Module DRAM, VRAM 2. Image Adapter/A Image-1 Adapter/A
20005 to 20010	1. Image Adapter/A Image-1 Adapter/A 2. Memory Module DRAM, VRAM
200XX Not listed above.	1. Image Adapter/A Image-1 Adapter/A 2. Memory Module DRAM, VRAM 3. System Board
20101 to 20103	1. Printer/Scanner Option 2. Image Adapter/A 3. Memory Module DRAM, VRAM
20104	1. Memory Module DRAM, VRAM 2. Printer/Scanner Option 3. Image Adapter/A
20105 to 20110	1. Printer/Scanner Option 2. Image Adapter/A 3. Memory Module DRAM, VRAM
Image Adapter/A Memory Test Mure indicated by graphic of adapter.	Replace memory module

206XX	<ol style="list-style-type: none"> <li>1. SCSI-2 Adapter</li> <li>2. Any SCSI Device</li> <li>3. System Board</li> </ol>
208XX Verify there are no duplicate SCSI ID settings on the same bus.	Any SCSI Device
210XXXX Internal bus, size unknown. 210XXX1 External bus, size unknown.	<ol style="list-style-type: none"> <li>1. SCSI Hard Disk Drive</li> <li>2. SCSI Adapter or System Board</li> <li>3. SCSI Cable</li> <li>4. SCSI ID Switch (on some models)</li> </ol>
Tape Drive ambLED remains on.	<ol style="list-style-type: none"> <li>1. Tape Drive</li> <li>2. SCSI Cable (internal)</li> <li>3. SCSI Adapter or System Board</li> </ol>
Tape Drive green "in use"LED fails to come on.	<ol style="list-style-type: none"> <li>1. Tape Drive</li> <li>2. SCSI Adapter or System Board</li> <li>3. SCSI Cable (internal) SCSI Cable (exter</li> </ol>
Tape automatically ejected tron) drive.	<ol style="list-style-type: none"> <li>1. Tape Cassette</li> <li>2. Drive</li> </ol>
SCSI ID on rotary switch does not match SCSI ID set in configuration. Verify drive switches inside cover are set to zero.	<ol style="list-style-type: none"> <li>1. Rotary Switch Circuit Board</li> <li>2. Circuit Board Cable</li> <li>3. Tape Drive</li> </ol>
Tape sticks/breaks in drive. Verify that the tapes used meet ANSI standard X3B5.	Tape Cassette
212XX	<ol style="list-style-type: none"> <li>1. SCSI Printer</li> <li>2. Printer Cable</li> </ol>
213XX	SCSI Processor
214XX	WORM Drive
215XXXC 215XXXD 215XXXE 215XXU If an external device, and power-on LED is off, check external voltages.	<ol style="list-style-type: none"> <li>1. CD-ROM Drive 11 Er CD-ROM Drive</li> <li>2. SCSI Cable</li> <li>3. SCSI Adapter or System Board</li> </ol>

216XX	Scanner
217XX If an external device, and power-on LED is off, check external voltages.	<ol style="list-style-type: none"> <li>1. Rewritable Optical Drive</li> <li>2. SCSI Adapter or System Board</li> <li>3. SCSI Cable</li> </ol>
218XX Check for multi CD tray, or juke box.	Changer
219XX	SCSI Communications Device
24201YO, 2421 OYO Be sure wrap plug is attached.	<ol style="list-style-type: none"> <li>1. ISDN/2 Adapter</li> <li>2. ISDN/2 Wrap Plug</li> <li>3. ISDN/2 Communications Cable</li> </ol>
273XX	1 Mbps Micro Channel Infrared LAN Adap
27501,27503 27506,27507	<ol style="list-style-type: none"> <li>1. ServerGuard Adapter</li> <li>2. System Board</li> </ol>
27502,27504,27510 27511,27533,27534 27536,27537	ServerGuard Adapter
27509	Remove redundant adapters, run Auto Con
27512	<ol style="list-style-type: none"> <li>1. WMSELF.DGS diagnostics tile missing.</li> <li>2. WMSELF.DGS diagnostics file incorrec</li> </ol>
27535	<ol style="list-style-type: none"> <li>1. 3V Lithium Backup Battery</li> <li>2. ServerGuard Adapter</li> </ol>
27554	<ol style="list-style-type: none"> <li>1. Internal Temperature out of range</li> <li>2. ServerGuard Adapter</li> </ol>
27555,27556	<ol style="list-style-type: none"> <li>1. ServerGuard Adapter</li> <li>2. Power Supply</li> </ol>
27557	<ol style="list-style-type: none"> <li>1. 7.2V NiCad Main Battery Pack</li> <li>2. ServerGuard Adapter</li> </ol>
27558,27559 27560,27561	<ol style="list-style-type: none"> <li>1. PCMCIA Type 11 Modem</li> <li>2. ServerGuard Adapter</li> </ol>

27562	1. External Power Control not connected 2. External Power Control 3. ServerGuard Adapter
27563,27564	1. External Power Control 2. ServerGuard Adapter
275XX	Update Diagnostic Software
2780110 27879	1. Personal Dictation System Adapter 2. System Board
27880 to 27889	External FRU (Speaker, Microphone)
1999030X Hard disk reset failure.	Possible hard disk drive problem.

**Thinkpad Other error messages, codes, or symptoms**

- [Numeric error codes](#)
- [Beep and no beep symptoms](#)
- [Intermittent and undetermined problems](#)
- [LCD related symptoms](#)

If you are unable to find your particular symptom or error, please refer to [Need more help?](#)

Symptom or error	FRU or action, in sequence
Device address conflict	1. Load Setup Defaults in BIOS Setup Utility 2. Backup battery 3. System board
Allocation error for device	1. Load Setup Defaults in BIOS Setup Utility 2. Backup battery 3. System board
Failing bits: nnnn	1. DIMM

	2. System board
Invalid system configuration data	<ol style="list-style-type: none"> <li>1. DIMM.</li> <li>2. System board.</li> </ol>
I/O device IRQ conflict	<ol style="list-style-type: none"> <li>1. Load Setup Defaults in BIOS Setup Utility</li> <li>2. Backup battery</li> <li>3. System board</li> </ol>
Operating system not found	<ol style="list-style-type: none"> <li>1. Check that operating system has no failure and is installed correctly</li> <li>2. Enter BIOS Setup Utility and see whether the hard drive and the diskette drive are properly identified</li> <li>3. Reseat the hard drive</li> <li>4. Check the boot sequence by use of BIOS Setup Utility</li> <li>5. Reinstall the operating system</li> <li>6. Diskette drive</li> <li>7. Hard drive</li> <li>8. System board</li> </ol>
Hibernation error	<ol style="list-style-type: none"> <li>1. Restore the system configuration to what it was the before the computer entered hibernation mode.</li> <li>2. If memory size has been changed, re-create the hibernation file.</li> </ol>
Fan error	Fan
Thermal sensing error	System board
Unsupported memory configuration	<p>Shut down the computer and remove the extra memory. Maximum memory size is:</p> <ul style="list-style-type: none"> <li>• 256 MB for A21e series and the low-end models of A22e</li> <li>• 512 MB for the high-end models of A22e</li> </ul>

Do you want abort resume from hibernation? (Y/N) System memory removed, press F3 to power off system and restore memory chip, press F4 to normal boot.	<ol style="list-style-type: none"> <li>1. Restore the system configuration to what it was before the computer entered hibernation mode</li> <li>2. If the memory size has been changed, re-create the hibernation file</li> </ol>
Docking station is removed or its ID is different, press F3 to power off system and restore correct docking station, press F4 to normal boot.	No error appears when;undock, hibernation, dock, wakeup. The docking is configured by the Operating System.
Authentication of system services failed. Press the Esc key to resume.	The Predesktop Area in the hard drive is corrupted To use the Predesktop Area, restore it from a recovery CD.
CD ROM drive	<ol style="list-style-type: none"> <li>1. DIMM</li> <li>2. System board</li> </ol>
Entering SETUP	<ol style="list-style-type: none"> <li>1. DIMM</li> <li>2. System board</li> </ol>
Fixed disk n	<ol style="list-style-type: none"> <li>1. DIMM</li> <li>2. System board</li> </ol>
P/S 2 mouse boot summary screen	<ol style="list-style-type: none"> <li>1. DIMM</li> <li>2. System board</li> </ol>
One or more I2O block storage devices were excluded from the setup boot menu	<ol style="list-style-type: none"> <li>1. DIMM</li> <li>2. System board</li> </ol>
Parity Check 1 nnnn	<ol style="list-style-type: none"> <li>1. DIMM</li> <li>2. System board</li> </ol>
Parity Check 2 nnnn	<ol style="list-style-type: none"> <li>1. DIMM</li> <li>2. System board</li> </ol>
Press F1 to resume, F2 to Setup, F3 for	<ol style="list-style-type: none"> <li>1. DIMM</li> </ol>

previous	2. System board
Press F2 to enter Setup	1. DIMM 2. System board
PS/2 Mouse	1. DIMM 2. System board
Run the I2O Configuration Utility	1. DIMM 2. System board
System BIOS shadowed	1. DIMM 2. System board
UMB upper limit segment address: nnnn	1. DIMM 2. System board
Video BIOS shadowed	1. DIMM 2. System board
WRONG MEMORY: Serial Presence Detected (SPD) indicates 66MHz Memory. This processor requires 100MHz memory. Shut system down.	Shut system down.(Stop at this point).
Cannot boot from any device.	Check the status of device which you want to boot from.  Device not found.  1. The device you want to boot from. 2. System board.  Device Error.  1. The device you want to boot from.

	<p>2. System board.</p> <p>No valid operating system.</p> <ol style="list-style-type: none"><li>1. Check that the operating system has no failure and is installed correctly.</li><li>2. Reinstall the operation system.</li></ol> <p>Excluded from boot order.</p> <ul style="list-style-type: none"><li>• Enter the BIOS Setup Utility and add the device in boot order.</li></ul>
--	--

Thursday 03 July, 2008

Giga Computers Ltd. 245 Church St. (Cnr Curch St. and Captain Springs Rd.) [Onehunga](#) - Auckland / New Zealand

Ph: 622 2202 Fax: 622 2207

Laptop & Computer Sales, Service, Repairs and accessories.

Copyright © Giga Computers Ltd. All rights reserved.

Web Site by [GigaWEBS http://www.gigawebs.co.nz](http://www.gigawebs.co.nz)

If you're contacting us from overseas or any of these countries (Fiji, Tahiti, Kiribati Marshall Islands Indonesia Nauru Palau Papua New Guinea Samoa Solomon Islands Tonga Tuvalu Vanuatu Africa, Asia, Europe, North America, Oceania and South America) we do not accept credit card over the phone, please contact our office to get a quote and postage cost.