

# Cabling Guidelines

Please have network cables installed and tested **before** the day of the computer installation. A qualified, professional cable installer should install the network cables. Improper cabling can delay installation and may cause ongoing network problems. Please follow these instructions. Call Intra Corp Support (800-422-8875) if you have any questions.

1. Use Category 5e or 6, 8-conductor, unshielded, twisted pair cable.
2. Run one cable from the hub/router\* location to each workstation location. If the hub/router\* is not located by the server, run a cable from the server to the hub/router\*.

*\* If you are buying computers from us, a hub/router may be part of your contract.*

3. Run one cable from the hub/router location to the location of each laser printer using a print server (Shared Network Printers).
4. **DO NOT** run cable over fluorescent light fixtures or near large electrical devices such as x-ray machines, etc.
5. Make sure a grounded (3 prong) electrical outlet with an adequate surge protector is available at each location.
6. Terminate cables with female RJ45 connectors in wall plate or surface mounted box using Bell 258A/TIA568B protocol. Label or number all cables.
7. The cable installer or the clinic is responsible for providing enough patch cables to connect all RJ45 connectors to hub/router. The cable installer or clinic is also responsible for providing enough patch cables to connect all workstations and print servers to RJ45 wall plates or boxes. Patch cables are available either from the cable installer or for most any office/computer supply store such as Radio Shack , Office Depot, Best Buy, etc.
8. There must be a space for the computer (tower case), monitor, the keyboard and the mouse as each workstation location. You can get a listing of dimensions from your sales representative.
9. Be prepared to clear space on your counter tops or have a 2 ½ " hole drilled through countertop for cables if the computer is to be installed under the counter.
10. Please call Intra Corp Support (800-422-8875) if you have any questions.