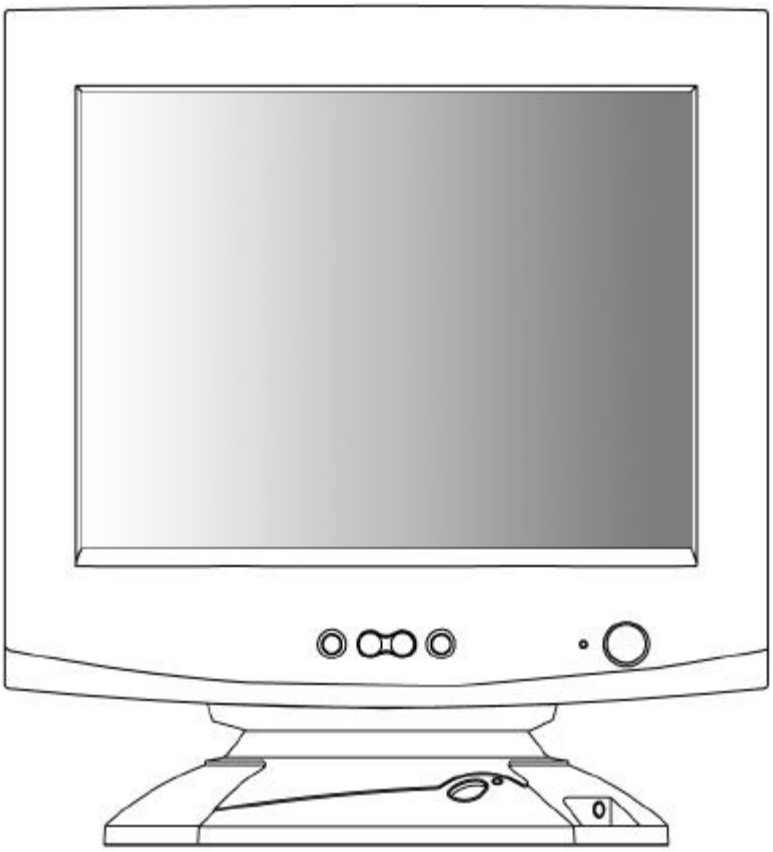
WEB Terminal

User's Manual

NEXTERM LGESP



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Minet INC.

1. NEXTERM LGESP Overview

1.1 Introduction

" Easy Installation, Optimized Functions and The Lowest Price"

It is this web terminal's strong points that you can expect when you utilize it in your environments.

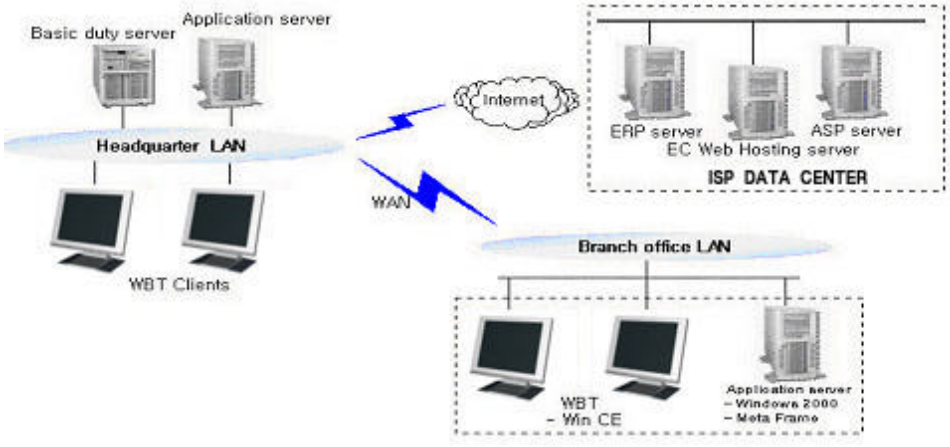
Under the basic environment of server based computing and internet connection speed of 56Kbps, you can use various applications on the high performance servers running Windows 2000 Server OS as well as internet connection.

CLASSIFICATION	NEXTERM LGESP
Operating Mode	WBT (Windows Based Terminal)
CPU	Intel StrongArm 206MHZ(235MIPS)
SDRAM	16M
Flash	8M
Operating System	Windows CE 3.0

1.2 Functions

All application programs are operated in a server. NEXTERM LGESP as a client transfers only the inputs of mouse or keyboard to sever and the result of application programs, which operates on the server to the client using protocol (RDP or ICA). Therefore the traffic that causes problems in the existing network will be reduced and the client specification does not require high performance.

1.3 Features



For the convenience of its use and maintenance as well as improvement of its performance,

NEXTERM LGESP provides you the following features:

As Operating System, Windows CE is utilized

NEXTERM LGESP has an open architecture and uses 32-bit multitasking and multi-thread operating system that support various functions:

- Utilizes a kernel based on the architecture of Windows NT
- Supports pre-occupied multitasking and multi-thread
- Provides users with friendly GUI environment
- Booting process is not necessary since the operation system is stored on ROM

StrongARM CPU of Intel utilized

- Low power (4W) Operating available
- Size and weight reduced
- Low noise (Cooling fan unnecessary)

Quick Booting Circuit Design (Compared to personal computer)

When powering system on, system booting is performed in the last task environment

Minimized Size

Unnecessary elements such as HDD, FDD, CD-ROM and cooling fan are not required.

Server Environment Available

- Programs are executed in servers and the results of the execution are displayed on the client
- Multi-user can connect to the server simultaneously and execute each different program independently.

2. NEXTERM LGESP Use Preparations

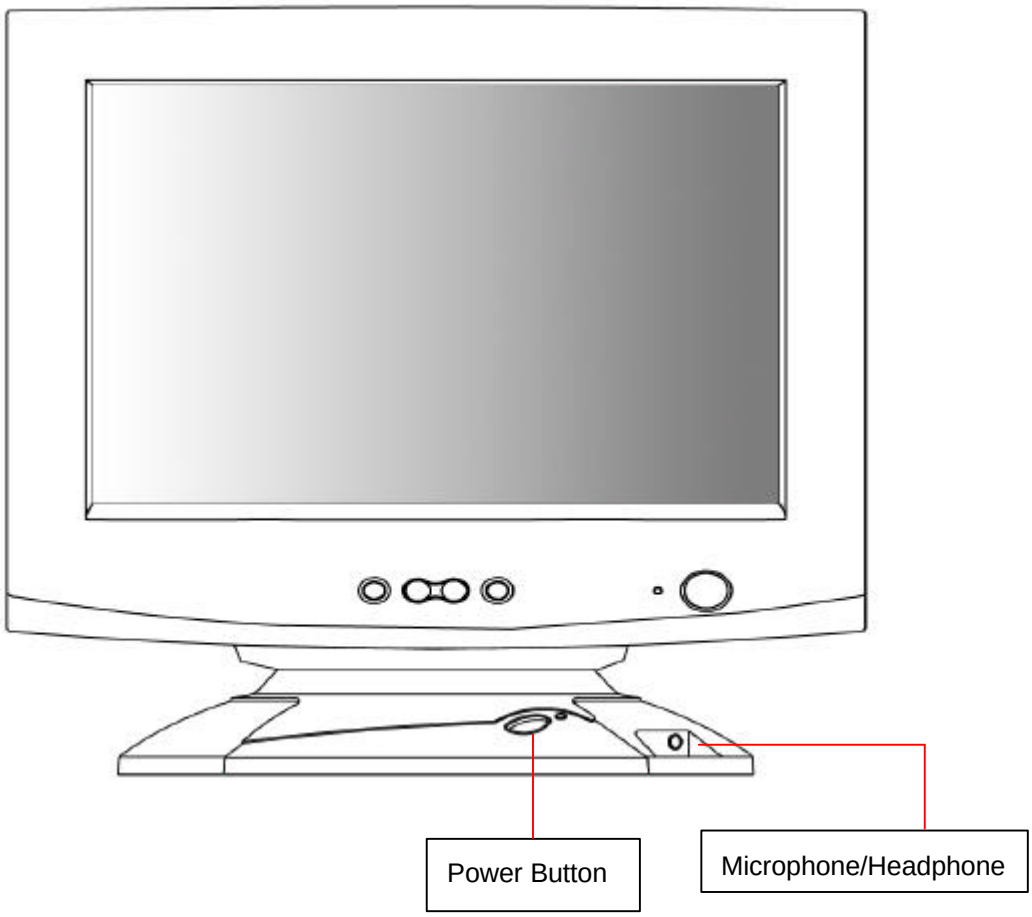
This chapter provides the structure and setting method of NEXTERM LGESP.

2.1 System Structure

You must be familiar with the system structure for the proper connection of peripheral devices.

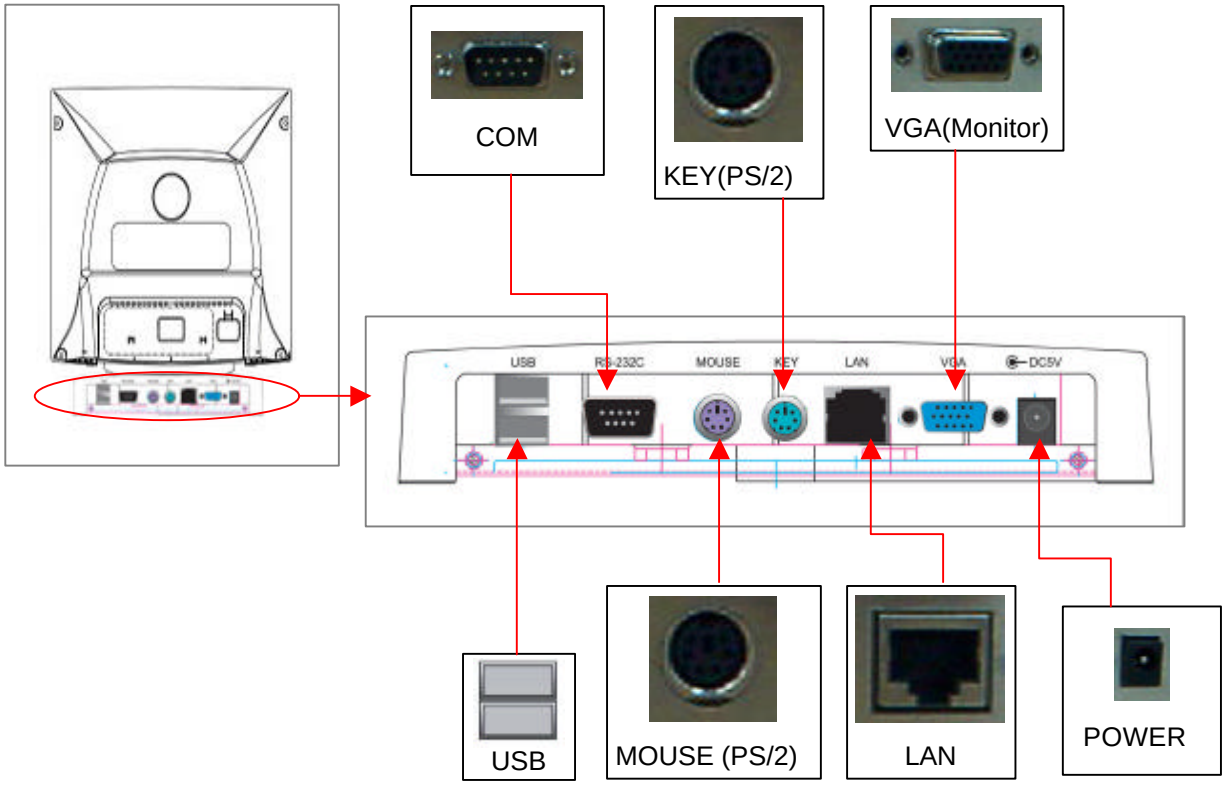
- Basic supplied parts are: Mount (main frame), Adapter(5V)

NEXTERM LGESP Front



NAME	FUNCTIONS DESCRIPTION
Power Button	Monitor OFF, SUSPEND MODE, RESET function
Microphone and Headphone	Input terminal of microphone and headphone

NEXTERM LGESP Rear



NAME	FUNCTIONS DESCRIPTION
RS-232C	This is connected to D-type connector that consists of 9 pins and interfaces with other serial devices for transmitting/receiving data
USB	This is a typical serial bus and connects external device that supports USB. It is faster than a serial port and easy to connect. Since USB supports 12Mbps data transmission rate, its rate is enough for any types of peripheral devices to be connected. In addition, it can connect as much as 127 devices and connecting devices is possible during working the PC. Powers of peripheral devices are unnecessary.
MOUSE	PS/2 Port, connected to MINI-DIN connector made up of 6 pins
KEY	PS/2 Port, connected to MINI-DIN connector made up of 6 pins
LAN	Single line for digital transmission. This interface is connected to a RJ-45 Jack made up of 8 pins.
VGA	This is a parallel port for monitor screen output.
Power	This is connected to an adapter that supplies power to the system.

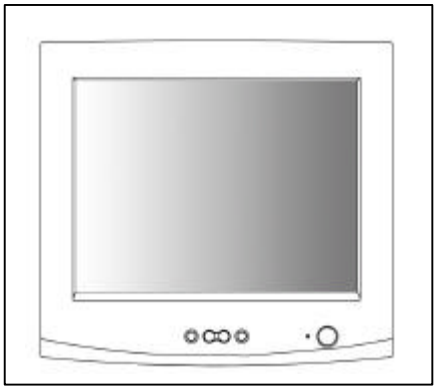
2.2 Connecting the Components

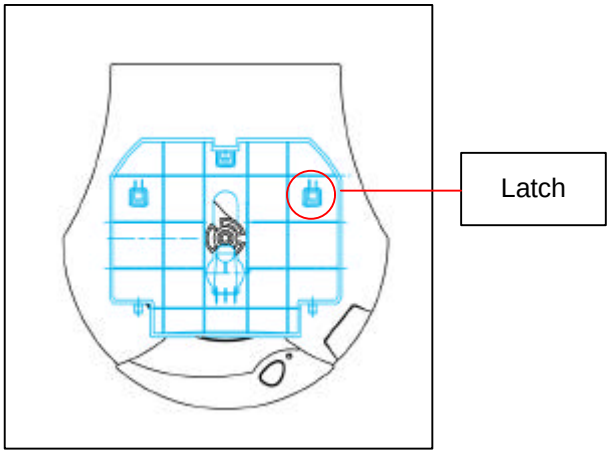
This section shows how to install the components.

Note: the power should be off during the system connection.

Connecting monitor and mount (main frame)

Align the monitor with the latches of the mount properly, and then slide it forward until it is secured.





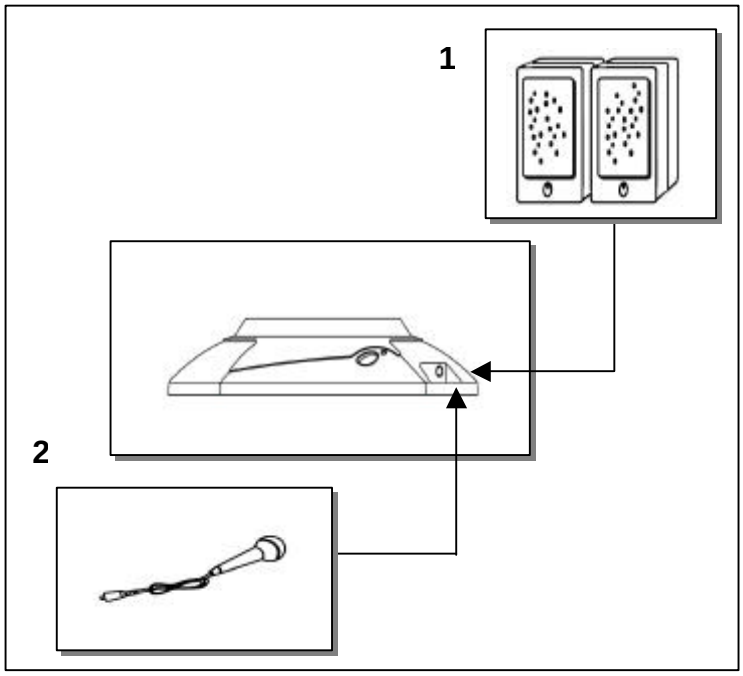
Connecting Speaker and Microphone

1. Connecting Speaker

   Connect the speaker or headphone to the AUDIO port.

2. Connecting Microphone

   Connect the microphone to the MIC port.



Connecting other connection devices

1 Connecting Keyboard

Connect the keyboard to its port after checking whether the port is PS/2.

2 Connecting Mouse

Connect the mouse to its port after checking whether the port is PS/2.

3 Connecting LAN

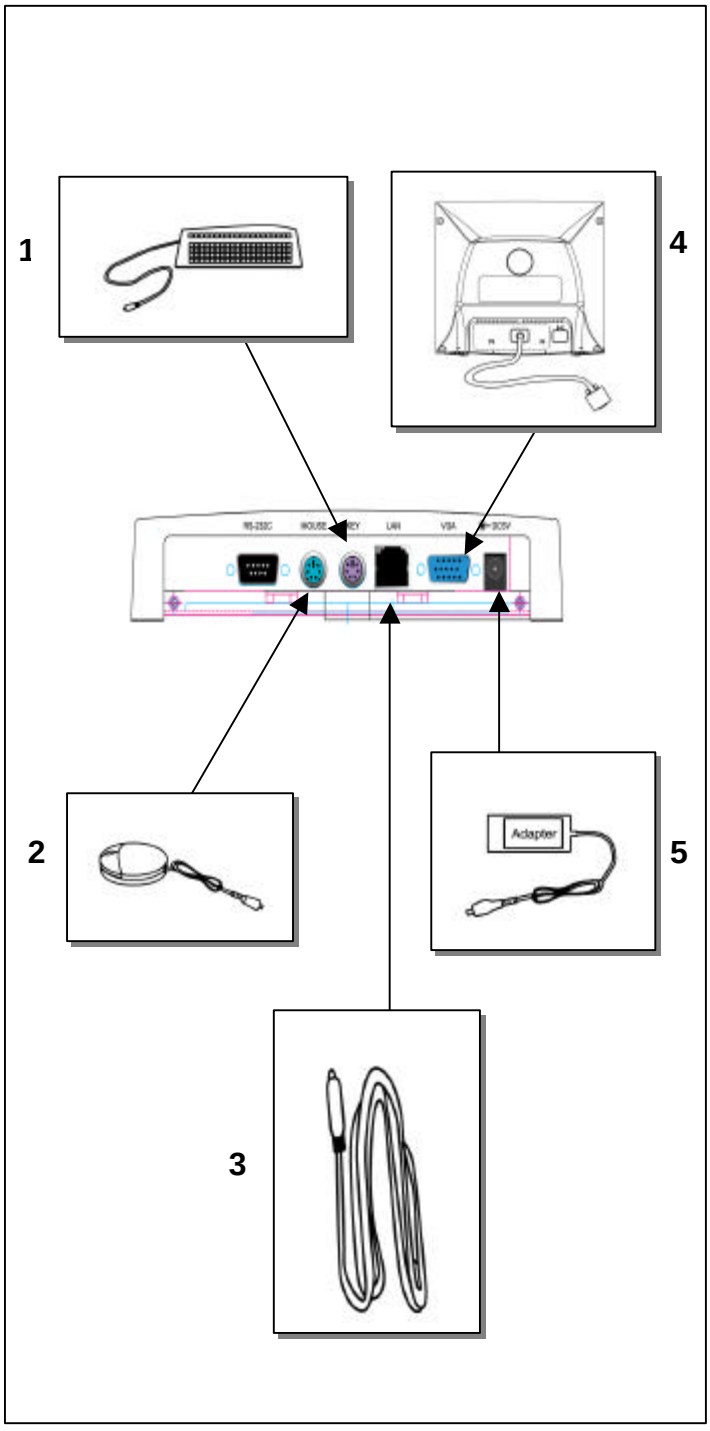
Connect the RJ-45 jack to the LAN port.

4 Connecting Monitor

Connect the monitor signal cable, which is attached to the monitor with the VGA port

5 Connecting Power

Connect the adapter to the POWER port and outlet. Be sure that you must use a supplied adapter

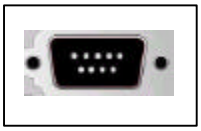


2.3 Connecting External Devices

NEXTERM LE has COM port and USB port that can connect additional external devices.

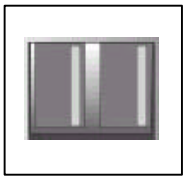
COM Port

COM port can be connected to an external modem or other devices that support serial devices.



USB Port

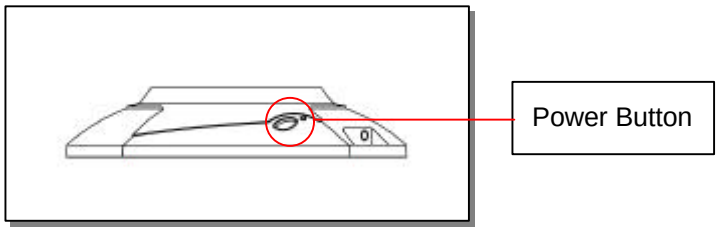
USB Port can be connected to a peripheral that supports USB



2.4 Power Button

This section explains the power button on the front panel of the mount (main frame).

If you press this button within 0.5 second during system on after adapter connected, the screen will be ON/OFF. The mode will change into the Suspend mode (CPU is resting) if you press it for 0.5 ~ 3 seconds. And the system will be reset if you press it for 3 seconds or longer. You can press it again in order to return to the normal operation mode from the screen off or suspend mode.



FCC Information

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.
This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.
If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures :

- Reorient of relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAUTION : Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.