

interposed between the support portion and the monitor. In this case, the second angle adjusting means can function as an opening/closing hinge when the computer equipment is folded.

[0017] Further, the present invention may also further comprise an input section for receiving data input, the input section being connected to the main unit so that the distance between the input section and the main unit is variable.

[0018] The present invention can also provide a monitor unit connectable to a main unit of computer equipment. This monitor unit is characterized by comprising a monitor body provided with a display screen; and an arm extending from the monitor body, and the arm has an interface function capable of being connected to the main unit to send an image signal to the monitor body; and a plurality of rotatable hinges. In this case, at least one of the hinges preferably connects one end of the arm to the main unit.

[0019] Also, this monitor unit further comprises a setting base which detachably accommodates the arm, and the setting base comprises a connector which receives a cable provided with the interface function; and a cable extending from the connector so as to be connectable to a desktop type computer equipment.

[0020] Additionally, the monitor body may also be further provided with a radio communication antenna.

[0021] Also, the present invention provides a monitor unit connectable to a main unit of computer equipment, characterized by comprising a monitor body provided with a display screen; an arm for supporting the monitor body when the monitor unit is connected to the main unit; and a base connectable to the main unit, and the arm is connected to the base by a rotatable hinge.

[0022] Additionally, the present invention can provide a monitor unit setting base. This setting base is a unit setting base for connecting a monitor unit connectable to a notebook type PC (Personal Computer) to a desktop type PC in place of the notebook type PC, characterized by comprising a receiving portion capable of receiving an arm extending from the monitor unit; and a connector capable of receiving an image signal interface cable extending from the monitor unit, which is provided in the receiving portion.

BRIEF DESCRIPTION OF THE DRAWINGS

[0023] Other aspects, features, and advantages of the present invention will become more fully apparent from the following detailed description, the appended claims, and the accompanying drawings in which:

[0024] FIG. 1 is a perspective view of a notebook type PC in accordance with a first embodiment, showing a state in which the lid of the notebook type PC is open;

[0025] FIG. 2 is a perspective view for illustrating a configuration for connection of a mainframe section and a liquid crystal monitor unit;

[0026] FIG. 3 is a perspective view for illustrating a configuration for connection of a mainframe section and a liquid crystal monitor unit;

[0027] FIG. 4 is a partially enlarged sectional view for illustrating a configuration of an arm and hinges;

[0028] FIG. 5 is a perspective view for illustrating a state in which a notebook type PC is pulled out to a keyboard side;

[0029] FIG. 6 is a perspective view showing a state in which a lid of the notebook type PC shown in FIG. 1 is closed;

[0030] FIG. 7 is a perspective view for illustrating a case where a separated liquid crystal monitor unit is used as an ordinary liquid crystal monitor for a PC;

[0031] FIG. 8 is a perspective view for illustrating a configuration of a notebook type PC in accordance with a second embodiment; and

[0032] FIG. 9 is a perspective view for illustrating a state of another use of the notebook type PC shown in FIG. 8.

DETAILED DESCRIPTION

[0033] The use of figure reference labels in the claims is intended to identify one or more possible embodiments of the claimed subject matter in order to facilitate the interpretation of the claims. Such labeling is not to be construed as necessarily limiting the scope of those claims to the embodiments shown in the corresponding figures. The preferred embodiments of the present invention and its advantages are best understood by referring to the drawings, like numerals being used for like and corresponding parts of the various drawings. Embodiments of the present invention will now be described in detail with reference to the accompanying drawings.

[0034] FIG. 1 is a perspective view of a notebook type PC in accordance with a first embodiment, showing a state in which the lid of the notebook type PC is open.

[0035] A notebook type PC (computer equipment) 10 shown in FIG. 1 to include a mainframe section (main unit) 12 provided with a keyboard (input section) 21, and a liquid crystal monitor unit (monitor unit) 13 provided with a display screen 22. The mainframe section 12 and liquid crystal monitor unit 13 are rotatably connected to each other via a first hinge 30 provided at a part in the width direction of the notebook type PC 10 at an edge 12e of the mainframe section 12 and an edge 13e of the liquid crystal monitor unit 13. Also, the notebook type PC 10 is provided with wireless LAN antennae (radio communication antennae) 23 in the upper portions of both sides 13s of the liquid crystal monitor unit 13. Further, although the details are not shown in the figure, the mainframe section 12 contains a CPU (control section, arithmetic section), hard disk, memory, battery, or the like.

[0036] For this notebook type PC 10, the angle of inclination of the liquid crystal monitor unit 13 with respect to the mainframe section 12 can be set freely by the first hinge 30 and a second hinge 31 provided near the center of the upper face of the mainframe section 12. Further, the liquid crystal monitor unit 13 can be removed from the mainframe body 12 by the user. The following is a detailed description of the configuration for connection of the mainframe section 12 and the liquid crystal monitor unit 13.

[0037] FIGS. 2 and 3 are perspective views for illustrating the configuration for connection of the mainframe section 12 and the liquid crystal monitor unit 13, in which the notebook type PC is viewed from the back side thereof. FIG.