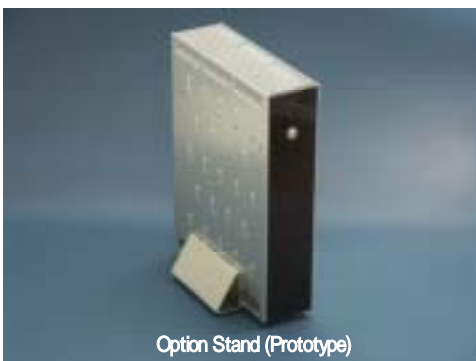


## Prerelease News Letter



- Dustproof** Dustproof case.
- Silent** No fan in the case. Very quiet.
- Small** Small and lightweight. Can be put in a vertical position (Option stand).
- Stability** The 2.5 inches hard disk of fluid bearing formulas is adopted.  
Operates stably continuously for a long time.
- Standard** The standard OS can be used,  
Such as Windows XP, Windows Me, Linux, etc.



Option Stand (Prototype)

- Fan less. Heat dissipation by heatsink and aluminum case.
- 10 / 100Base type network port is available.
- Power supply is built in the case.

Now Computer is very popular in every scene. Compared with home/business use, environment is very severe for computer in specified place; **Oil** or **Flour** in **kitchen/factory**, **dust** of cotton/**sand** in **shop entrance**, **exhaust gas** in **parking area/drive-through restaurant**. Stable and continuous operation is requisite for computer, also in such environment.

Most possible fault detect of computer is "dust" that enters into the case.

Besides, **Quiet** computer is required in **bedSide**, **hospital**, **esthetic salon**, **library**, **laboratory** and so on.

**UCM-0822A** has realized a newly developed heat dissipation system; heat generated inside of the case is cooled by big heat sink of both sides and the whole of aluminum case. No cooling fan for Power Supply, CPU and Video chip. No hole for ventilation in the case. In addition to that, caps are put on no-use ports for dustproof (In mass production model, dustproof JIS C0920 IP5X level is planned).

**UCM-0822A** has no FDD, nor CD-ROM drive; they are optional. Users can connect those external devices to USB port in installation/maintenance; it makes possible to reduce heat-production, dust and trouble.

**UCM-0822A**, equipped standard ports for business; 10/100 Base Network port, USB port (2), serial port (1) and printer port.

**UCM-0822A** is easy for maintenance; opening back lid is enough to maintain HDD. Both case structure and cable arrangement are designed for easy maintenance.

**UCM-0822A**, embedded VIA EPIA-V motherboard. Standard OS is available, like as Windows, Linux and etc.

Provisional specification	
Model Number	<b>UCM-0822A</b>
OS	Windows Me, XP, Linux, etc..
CPU	VIA C3 800MHz
Memory	Standard: 256MByte PC133 DIMM (Free Memory Slots x 1)
Hard Disk	Standard: 2.5inch 20G Byte (max:2Drives)
Video	VGA onboard AGP 4X Graphics
Sound	2ch AC'97 CODEC
I/O	Keyboard, Mouse, Serial, Parallel, LAN (10/100Base), USB*2Ports, Video-Out, Line In / Out / Mic
Internal Expand	No slots available
Temperature	Working: 10°C to 30°C Storage: 5°C to 50°C
Humidity	10% to 80% Rel(No dew)
Dimensions	31cm(W) * 23cm(D) * 7cm(H)
Power	AC 90V to 254V
Consumption	

#### Attention:

This equipment dissipates heat from the whole surface of the case. As the principle, heat -dissipation is not expected in place of bad circulation of air. Please note following points in installation/use.

1. In installation, please set this equipment over 10cm apart from wall.
2. No installation this equipment in place of bad circulation of air like as inside of counter.
3. Temperature of CPU will change by processing load.
4. The case surface will be very hot (Max +30°C more than ambient temperature)  
If the equipment is installed in place of bad circulation of air and very high processing load is performed continuously.
5. No putting anything poor-heat-tolerance beside this equipment.
6. No installation in the outdoors. This equipment is **not waterproof**.

Due to our continuing product improvement programs, specifications and features herein are subject to change without notice. This specification is average value; Moreover, specification given in this sheet are indicated by the average numerical value on a design/manufacture, and have not guaranteed the performances of each products of all

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# Preliminary

Since this product is under development, it has the case where the contents are changed.