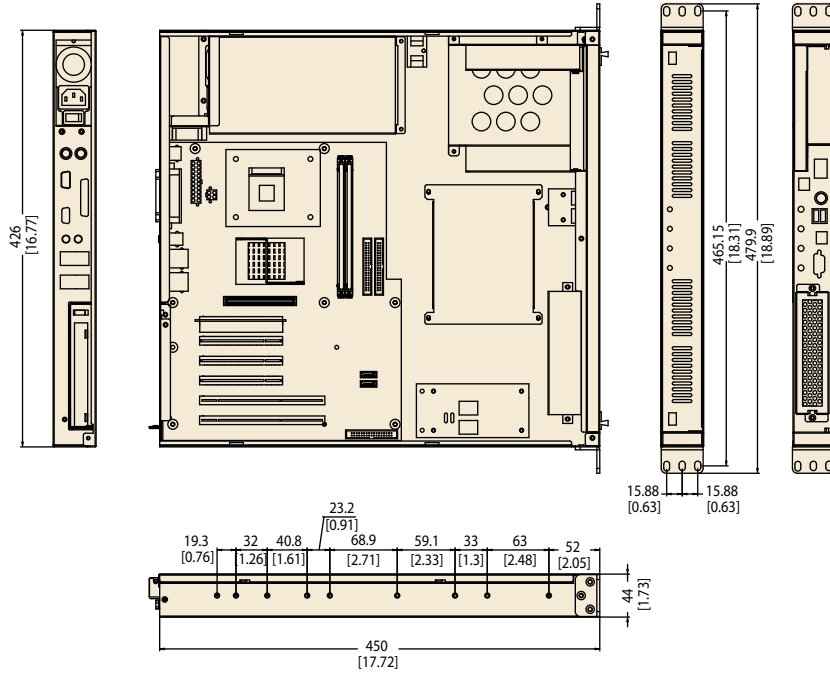# SYS-1U1000-3A01

Features

- **High performance empowered by Intel® Pentium® M Processor**
  - Pentium M delivers outstanding mobile performance and low power
  - Passive heatsink to enhance system reliability
- **Flexibility**
  - Supports one full-length PCI card
  - Optional CD-RW, DVD, CD, and floppy drives
- **Density-optimized solutions**
  - Ideal building block for business expansion
  - Efficient cooling design delivers exceptional ventilation for compact 1U system

RoHS COMPLIANT 2002/95/EC   FCC   CE   ⓊL   ⒸⓊL

Specifications

Form Factor		1U Rackmount	
Computing System	Chipset	Intel 855GME + 6300ESB	
	CPU*	Supports Intel Pentium M processor up to 1.8 GHz	
	Front Side Bus	400 MHz	
	L2 Cache	1 MB/2 MB	
	Memory*	Supports up to 2 GB DDR 400 ECC/non-ECC SDRAM (single channel)	
Graphics	Controller	Intel 855GME integrated	
	VRAM	Dynamically shared system memory up to 64 MB	
Expansion Slot	PCI	1 x 32-bit (via riser card)	
Storage	Optical Drive*	Supports slim CD-ROM/slim DVD-ROM/slim CD-RW	
	Floppy Disk	Supports 3.5" 1.44 MB FDD	
	HDD*	Supports IDE/SATA HDD	
Drive Bay	Slim CD ROM Bay	1	
	3.5" (front-accessible)	1	
	3.5" (internal)	1	
Ethernet	Interface	10/100/1000Base-T Gigabit Ethernet	
	Controller	Intel 82541GI	
I/O Port	Front I/O Ports	2 x USB, 1 x PS/2, 1 x COM	
	Rear I/O Ports	2 x USB, 1 x PS/2, 1 x COM, 1 x VGA, 1 x Parallel, 1 x RJ-45, Mic-In, Line-Out	
Operating System*		Microsoft® Windows® XP/2000/2003	
Watchdog Timer	Output	System reset	
	Interval	Programmable 1 ~ 255 sec	
Power Supply	Power Output Wattage	200 W	
	Type	Single ATX power supply	
Cooling	Chassis Fan	4	
	Air Filter	Yes	
Environment		Operating	Non-Operating
	Temperature	0 ~ 40° C (32 ~ 104° F)	-20 ~ 60° C (-4 ~ 140° F)
	Humidity	10 ~ 85% @ 40° C non-condensing	10 ~ 95% @ 40° C non-condensing
Physical Characteristics	Color	Black	
	Dimensions (W x H x D)	482 x 44 x 450 mm (19" x 1.7" x 17.7")	
	Weight	10 kg (22 lb)	

* Configurations are variable upon regions. Please contact Advantech sales for more details.
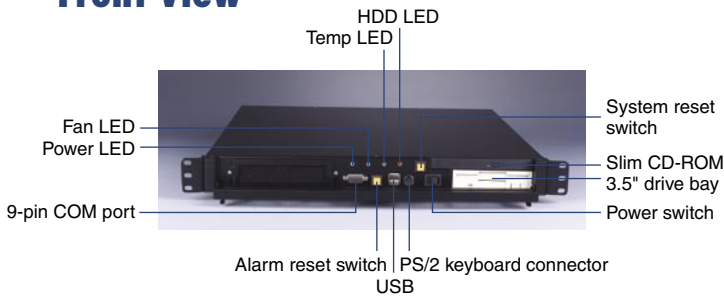
Dimensions

426 [16.77]

465.15 [18.31]
479.9 [18.89]

15.88 [0.63]   15.88 [0.63]

23.2 [0.91]

19.3 [0.76]   32 [1.26]   40.8 [1.61]   68.9 [2.71]   59.1 [2.33]   33 [1.3]   63 [2.48]   52 [2.05]

44 [1.73]

450 [17.72]

Unit: mm (inch)

Ordering Information

Please visit Advantech CTOS portal for order entry.

http://www.advantech.com/ctos

System Content

Item	Part Number
Chassis	ACP-1000MB-20ZE
Motherboard	AIMB-750VG-00A1E

Front View

HDD LED
Temp LED

Fan LED
Power LED

System reset switch

Slim CD-ROM
3.5" drive bay

9-pin COM port

Power switch

Alarm reset switch   PS/2 keyboard connector
USB

Rear View

PS/2 Mice   Line-Out
Parallel   LAN

PCI expansion slot

PS/2 KB   VGA   USB
COM   Mic-In