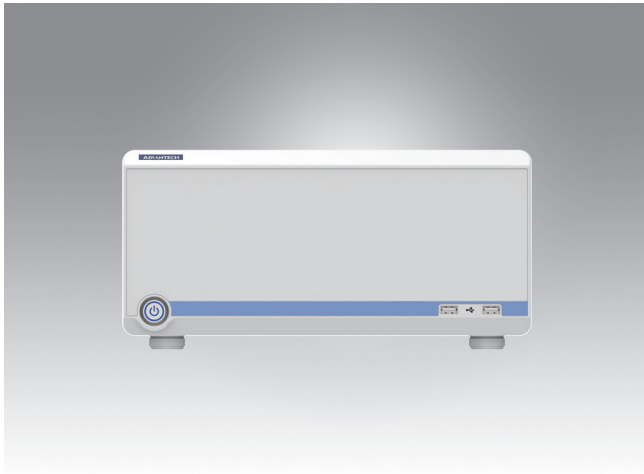


# USM-500

## Professional Mini Tower/Standalone Medical Computer with Intel 8<sup>th</sup>/9<sup>th</sup> Generation Processor



### Features

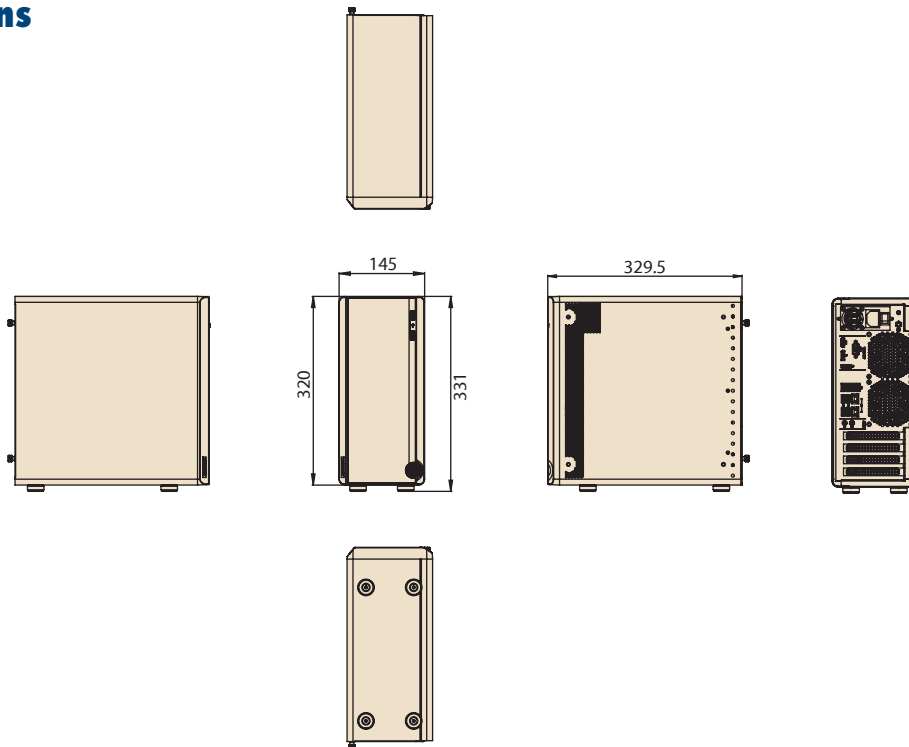
- Stylish and user friendly outlook for Hospital Environment
- Runs on Intel 8th generation processor for high performance and reliability
- Rich expansion for multi-purpose application
- Reliable platform for 24x7 operation for medical use

### Specifications

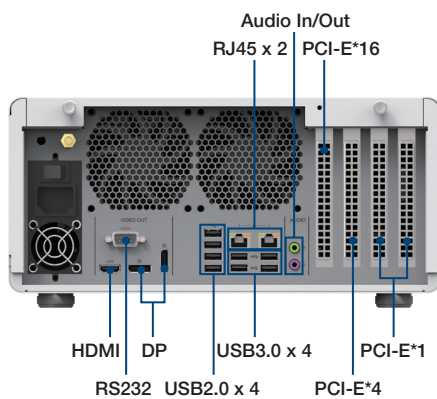
Processor System	CPU	Intel 9 <sup>th</sup> Gen Processor (i3/i5/i7 35W or 65W)	
	Chipset	Intel Q370 Intel C236 (optional)	
	Memory	4 U-DIMM sockets support up to 128 GB DDR4 2400/2666 MHz SDRAM 4 U-DIMM sockets support up to 128 GB DDR4 ECC 2400/2666 MHz SDRAM	
	Operating System	Windows 10 LTSC/Professional, Linux Debian 10.2, Centos 7.5, Ubuntu 14.1	
Expansion Slot	PClex1 (Gen3)	1GB/s per direction	
	PClex4 (Gen3)	4GB/s per direction	
	PClex8 (Gen3)	8GB/s per direction	
	PClex16 (Gen3)	16GB/s for Graphic card Nvidia GTX-1060 with 3G memory	
Physical Characteristics	Dimension	320 x 132 x 310 mm	
	Weight	10kg (without MB and HDD)	
Environment		Operating	Non-Operating
	Temperature	0 ~ 40 °C (32 ~ 104 °F)	-40 ~ 70 °C (-40 ~ 156 °F)
	Humidity	10 ~ 95% @ 40 °C, non-condensing	10 ~ 95% @ 60 °C, non-condensing
	Vibration	1Grms	2Grms
	Shock	10G (with 11ms duration, half sine wave)	
I/O	HDMI	Support max resolution 4096 x 2160 @ 60Hz	
	eDP	Support max resolution 4096 x 2160 @ 60Hz (ESD 8Kv Criteria B)	
	DVI-D	Support max resolution 1920 x 1200 @ 60Hz	
	Serial	1 I/O(RS232/422/485) 3 RS232 from pin header to rear panel)	
	Ethernet	Intel I219LM and Intel I211AT	
Storage	HDD1	500GB 3.5" SATA 7200RPM 32MB	
	HDD2	N/A	
	CD Drive (Optional)	SLIM 8X SATA DVD+/-RW DL BLACK	
Accessory	OS	Windows 10	
Power Supplier	1U	High Efficiency Power Supplier 500W(Medical Grade)	
Warranty	2 years	2 years	
Certification		CE/FCC/CCC/IEC-60601-1-2 4 <sup>th</sup>	

## Dimensions

Unit: mm



## I/O View



## Ordering Information (Standard Sku with safety Stock)

Part Number	Description
USM-500-W5000000S	USM-500 with 500W PSU Barebone System
USM-500J-W5585000S (w/ IEC-60601-1-2 4 <sup>th</sup> )	USM-500 with 500W PSU/i5-8500T/8G Memory/ 500GB HDD
USM-500JW7162S	USM-500 with 500W PSU/i7-9700E/16G Memory/ 256G SSD

## Optional

Part Number	Description
96VG-NR2070F16-6D	RTX2070 8G HDMI+3*DP+DVI-D
96VG-NG1650F16-5B	GTX1650 4G DDR5 PCIe x16 HDMI+DVI-DMore
SKY-QUAD-P1000	Quadro P1000 4GB PCI-Ex16 MiniDP*4
SKY-QUAD-P2000	Quadro P2000 5GB PCI-Ex16 DP*4 FS
SKY-QUAD-RTX4000	Quadro P4000 2GB PCI-Ex16 MDP*3 FSMore
DVP-7019HE	1-ch Full HD H.264/MPEG4 PCIe Video Capture Card with SDK
DVP-7011HE	1-ch Full HD H.264/MPEG4 PCIe Video Capture Card with SDK
1700029605-01	200cm DVI to DVI Cable