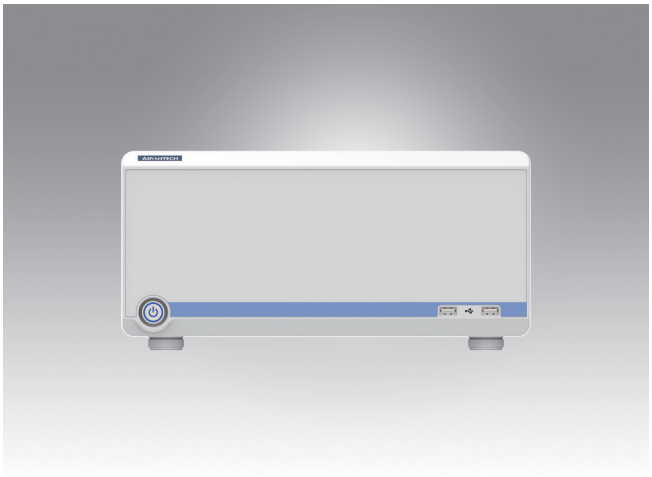
USM-500

Professional Mini Tower/Standalone Medical Computer with Intel 8th 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

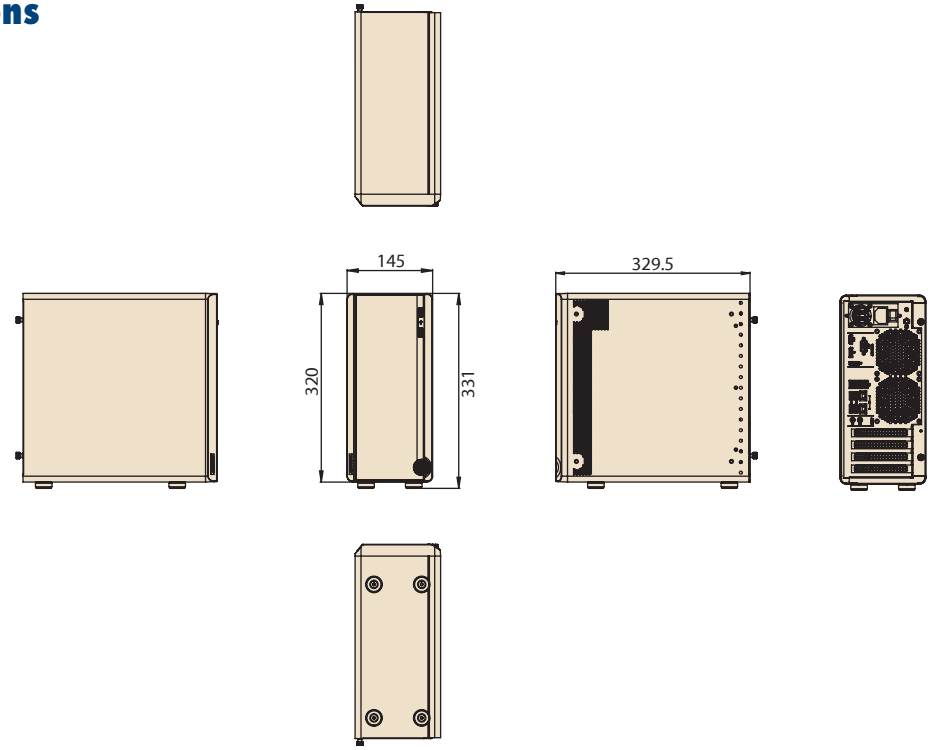
Specifications

Processor System	CPU	Intel 8th Gen i5-8500T	
	Chipset	Intel Work Station Q370 Sever Grade Chipset	
	Memory	Dual 8G SO-DDR3-1600 512x8 1.35V&1.5V SAM	
	Operating System	Window 10	
Expansion Slot	PCIex1 (Gen3)	1GB/s per direction	
	PCIex4 (Gen3)	4GB/s per direction	
	PCIex8 (Gen3)	8GB/s per direction	
	PCIex16 (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 4th	

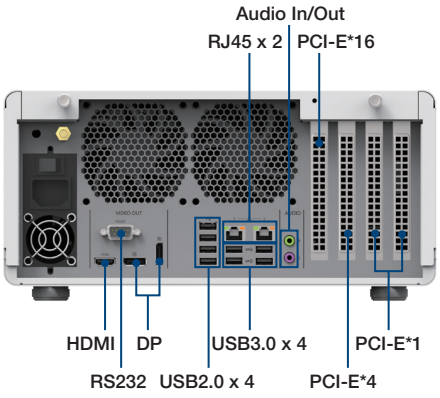
All product specifications are subject to change without notice.

Dimensions

Unit: mm



I/O View



Ordering Information

Part Number	Description
USM-500-W5000000S	USM-500 with 500W PSU Barebones
USM-500J-W5585000S	USM-500 with /500W PSU/i5-8500T/500GB HDD/8G memory/

Optional

Part Number	Description
SKY-QUAD-P2000	NVidia Quardro-P2000 graphic card with longevity support to 2020 (ESD 5Kv)
96VG-NR2070F16-6D	NVidia GeForce RTX-2070 graphic card without longevity support (ESD 8Kv)
DVP-7011HE	1-ch Full HD H.264/MPEG4 PCIe Video Capture Card with SDK
1700029605-01	200cm DVI to DVI Cable