

**RESUMEN SUBASTA UNIVERSIDAD DE PUERTO RICO  
COMPUTADORAS - PORTÁTILES - TABLETAS**

**APPLE**

	<b>ALL-IN-ONE</b>	<b>TOWER</b>
<b>COSTO</b>	<b>\$2,347.00</b>	<b>\$4,899.00</b>
<b>SUPLIDOR</b>	<b>Computer Service &amp; Support</b>	<b>Computer Service &amp; Support</b>
<b>MODELO</b>	iMAC	MacPro
<b>MARCA</b>	APPLE	APPLE
<b>PROCESADOR</b>	Intel Core i5 Processor, Quad-Core, 3.2GHz	3.7GHz Intel Xeon E5 with 10MB L3 cache
<b>MEMORIA</b>	16.0GB, DDR3, 1867MHz	<b>12GB of 1866MHz DDR3 ECC memory</b>
<b>DISCO DURO</b>	1TB Fusion Drive	<b>1TB PCIe-based flash storage</b>
<b>CAMARA</b>	FaceTime HD camera	N/A
<b>VIDEO</b>	AMD Radeon R9 M390 graphics processor with 2GB of GDDR5 memory	Dual AMD FirePro D300 graphics processors with 2GB of GDDR5 VRAM
<b>MONITOR</b>	27-inch (diagonal) Retina display with IPS technology; 5120-by-2880 resolution	<b>LG UltraFine 5K Display</b>
<b>TARJETA DE RED</b>	10/100/1000BASE-T Gigabit Ethernet (RJ-45 connector)	<b>Dual Gigabit Ethernet</b>
<b>TARJETA WI-FI</b>	Integrated 802.11b/g/n and Bluetooth 4.x	Integrated 802.11b/g/n and Bluetooth 4.x
<b>SISTEMA OPERATIVO</b>	macOS Sierra	macOS Sierra

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**SUBASTA DE COMPUTADORAS PERSONALES, LAPTOPS Y TABLETAS (JSC 007-2016-2017)**

**Modelo Básico**

**Proveedor: Caribbean Data Systems**

Descripción	Especificación Mínima	Costo
<b>Modelo</b>	<b>Dell Optiplex 7050 MT</b>	<b>\$869.00</b>
<b>Processor</b>	Intel 6 <sup>th</sup> Generation Core i7 Processor (Quad Core, Base Frequency 3.40GHz, 8MB)	
<b>Memory</b>	16GB DDR4 Non-ECC SDRAM,2133MHz, (2 DIMM)	
<b>Chipset</b>	Intel Q170 Chipset	
<b>Hard Drive</b>	1TB SATA (7,200 RPM)	
<b>Network Card</b>	Integrated Intel Gigabit Network Card (10/100/1000)	
<b>Audio Support</b>	Integrated Audio Card	
<b>Video Card</b>	Integrated Intel HD Graphics 530	
<b>Optical</b>	DVD+/-RW SATA	
<b>Media Card Reader</b>	Media Card Reader for MT	
<b>Chassis</b>	Mini-Tower	
<b>Monitor Digital</b>	24 inch LED WideScreen Flat Panel Dell 2417H (Igual marca que el Equipo)	
	Viewable Area of 23.8" minimum	
	Height adjustable stand	
	Connectivity VGA, Display port, HDMI	
	Normal Resolution 1920 x 1080	
	4 USB Ports	
	14 ms Response Time minimum	
	Anti glare Panel	
	Swivel, Tilt and Pivot Move	
	Contrast Ratio 1000:1	
250cd/m <sup>2</sup> Brightness		
<b>Keyboards</b>	USB Keyboard (Spanish or English)	
<b>Mouse</b>	USB Optical Mouse with Scroll	
<b>Operating System</b>	Windows 10 Professional, 64-bit	
<b>External I/O Ports</b>	10 Puertos USB (Mínimo 6 puertos USB 3.0)	
	1 Display Port	
	1 Ethernet (RJ45)	
	1 serial (9-pin) (16550 compatible)	
	1 Headphone (minijack – front)	
	1 Stereo Line-in (minijack)	
	1 Microphone-in (minijack)	
1 Speakers/Line-out (minijack)		
<b>Power Supply</b>	85 Percent Efficient or more, Energy Star compliant	
<b>Warranty</b>	<b>Según SLA (Service Level Agreement)</b>	
<b>Environmental and Regulatory Standards</b>	Certified UL, ISO-900x, ISO-1400x, ENERGY STAR 5.2 TCO 05, WEEE, EPEAT GOLD, Carbon Off-set, Energy Smart settings or similar, Thermal management technology to manage variable speed fans	

<b>Security</b>	Chassis lock slot and lock loop support	
	Setup/BIOS Password	
	Chassis intrusion switch support	
	TPM 1.2 Security	
	Computrace Tracking Capability	
	Certified data destruction Capability	
<b>Upgrades (Opcionales)</b>		
<b>Memory Options</b>		
Upgrade 16GB DDR4 Non-ECC SDRAM, 2133MHz		\$195.00
<b>Hard Disk Drives Options</b>		
<b>Imagen del Recinto</b> (Sistema Operativo y Aplicaciones)		\$25.00
2TB SATA (7,200 RPM) (Change)		\$35.00
500GB SATA Solid-State Drive SSD (Change)		\$290.00
<b>Speakers Options</b>		
Desktop Speakers		\$15.00
Desktop Speakers with Subwoofer		\$80.00
Flat Panel Soundbar Speakers		\$30.00
<b>Monitor Options</b>		
Cambio a 22 inch LED Widescreen, height adjustable stand, VGA Monitor (Igual marca que el Equipo)		-\$10.00
Segundo Monitor de 22 inch LED Widescreen, height adjustable stand, VGA Monitor (Igual marca que el Equipo)		\$195.00
Segundo monitor de 24 inch LED WideScreen Flat Panel (Igual marca que el Equipo)		\$245.00
Cambio a 27 inch LED Widescreen, height adjustable stand, VGA/DVI Monitor (Igual marca que el Equipo)		\$160.00
Segundo monitor de 27 inch LED Widescreen, height adjustable stand, VGA/DVI Monitor (Igual marca que el Equipo)		\$390.00
Stand para doble monitor		\$175.00
NO MONITOR		-\$100.00
<b>Chassis Options</b>		
Small Form Factor Chassis		\$35.00
Ultra Small Form Factor Chassis		-\$20.00
<b>Others Warranty Options</b>		
3 Year warranty Parts and Labor, Next Business Day on-site service		-\$15.00
3 Year warranty Parts and Labor, 9 x 5, 4 Hours Response on-site service		\$390.00
3 Year warranty Parts and Labor, 24 x 7, 4 Hours Response on-site service		\$490.00

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**SUBASTA DE COMPUTADORAS PERSONALES, LAPTOPS Y TABLETAS (JSC 007-2016-2017)**

**Modelo Avanzado**

**Proveedor: Caribbean Data Systems**

Descripción	Especificación Mínima	Costo
<b>Modelo</b>	<b>Dell Optiplex 7050 MT</b>	<b>\$1,135.00</b>
<b>Processor</b>	Intel 6 <sup>th</sup> Generation Core i7 Processor (Quad Core, Base Frequency 3.40GHz, 8MB)	
<b>Memory</b>	32GB DDR4 Non-ECC SDRAM, 2133MHz, (2 DIMM)	
<b>Chipset</b>	Intel Q170 Chipset	
<b>Hard Drive</b>	512GB SATA Solid-State Drive (SSD)	
<b>Network Card</b>	Integrated Intel Gigabit Network Card (10/100/1000)	
<b>Audio Support</b>	Integrated Audio Card	
<b>Video Card</b>	Integrated Intel HD Graphics 530	
<b>Optical</b>	DVD+/-RW SATA	
<b>Media Card Reader</b>	Media Card Reader for MT	
<b>Chassis</b>	Mini-Tower	
<b>Monitor Digital</b>	24 inch <b>LED</b> WideScreen Flat Panel Dell P2417H (Igual marca que el Equipo)	
	Viewable Area of 23.8" minimum	
	Height adjustable stand	
	Connectivity VGA, Display port, HDMI	
	Normal Resolution 1920 x 1080	
	4 USB Ports	
	14 ms Response Time minimum	
	Anti glare Panel	
	Swivel, Tilt and Pivot Move	
	Contrast Ratio 1000:1	
	250cd/m <sup>2</sup> Brightness	
<b>Keyboards</b>	USB Keyboard (Spanish or English)	
<b>Mouse</b>	USB Optical Mouse with Scroll	
<b>Operating System</b>	Windows 10 Professional, 64-bit	
<b>External I/O Ports</b>	10 Puertos USB (Mínimo 6 puertos USB 3.0)	
	1 Display Port	
	1 Ethernet (RJ45)	
	1 serial (9-pin) (16550 compatible)	
	1 Headphone (minijack – front)	
	1 Stereo Line-in (minijack)	
	1 Microphone-in (minijack)	
	1 Speakers/Line-out (minijack)	

<b>Power Supply</b>	85 Percent Efficient or more, Energy Star compliant
<b>Warranty</b>	<b>Según SLA (Service Level Agreement)</b>
<b>Environmental and Regulatory Standards</b>	Certified UL, ISO-900x, ISO-1400x, ENERGY STAR 5.2 TCO 05, WEEE, EPEAT GOLD, Carbon Off-set, Energy Smart settings or similar, Thermal management technology to manage variable speed fans
<b>Security</b>	Chassis lock slot and lock loop support
	Setup/BIOS Password
	Chassis intrusion switch support
	TPM 1.2 Security
	Computrace Tracking Capability
	Certified data destruction Capability

<b>Upgrades (Opcionales)</b>	
<b>Memory Options</b>	
Upgrade 32GB DDR4 Non-ECC SDRAM, 2133MHz	\$400.00
<b>Hard Disk Drives Options</b>	
<b>Imagen del Recinto</b> (Sistema Operativo y Aplicaciones)	\$25.00
1TB SATA Hard Drive, 7200RPM (Secondary Disk)	\$95.00
2TB SATA Hard Drive, 7200RPM (Secondary Disk)	\$160.00
<b>Speakers Options</b>	
Desktop Speakers	\$15.00
Desktop Speakers with Subwoofer	\$80.00
Flat Panel Soundbar Speakers	\$30.00
<b>Monitor Options</b>	
Cambio a 22 inch LED Widescreen, height adjustable stand, VGA Monitor (Igual marca que el Equipo)	-\$10.00
Segundo Monitor de 22 inch LED Widescreen, height adjustable stand, VGA Monitor (Igual marca que el Equipo)	\$195.00
Segundo monitor de 24 inch LED WideScreen Flat Panel (Igual marca que el Equipo)	\$245.00
Cambio a 27 inch LED Widescreen, height adjustable stand, VGA/DVI Monitor (Igual marca que el Equipo)	\$160.00
Segundo monitor de 27 inch LED Widescreen, height adjustable stand, VGA/DVI Monitor (Igual marca que el Equipo)	\$390.00
Stand para doble monitor	\$175.00
NO MONITOR	-\$100.00
<b>Chassis Options</b>	
Small Form Factor Chassis	\$35.00
Ultra Small Form Factor Chassis	-\$20.00
<b>Others Warranty Options</b>	
3 Year warranty Parts and Labor, Next Business Day on-site service	-\$15.00
3 Year warranty Parts and Labor, 9 x 5, 4 Hours Response on-site service	\$390.00
3 Year warranty Parts and Labor, 24 x 7, 4 Hours Response on-site service	\$490.00

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**SUBASTA DE COMPUTADORAS PERSONALES, LAPTOPS Y TABLETAS (JSC 007-2016-2017)**

**Modelo All In One**

**Proveedor: Computer Inn**

Descripción	Especificación Mínima	Costo
<b>Modelo</b>	<b>HP EliteDesk 800 G2 AIO</b>	<b>\$950.00</b>
<b>Processor</b>	Intel 6th Generation Core i7 Processor (Quad Core, Base Frequency 3.40GHz)	
<b>Memory</b>	16GB DDR4 Non-ECC SDRAM, 2133MHz	
<b>Chipset</b>	Intel Q170 Chipset	
<b>Hard Drive</b>	1TB 3.5inch SATA (7,200 RPM)	
<b>Network Card</b>	Integrated Intel Gigabit Network Card (10/100/1000)	
<b>Wireless Card</b>	Integrated 802.11b/g/n	
<b>Optical</b>	DVD+/-RW (Interno o Externo)	
<b>Audio Support</b>	Integrated Audio Card	
<b>Video Card</b>	Integrated Intel HD Graphics 530	
<b>Media Card Reader</b>	Media Card Reader for AIO	
<b>Display</b>	23 inch <b>Touch</b> WideScreen LED Display	
	Height adjustable stand	
	Max Resolution 1920 x 1080	
<b>Keyboards</b>	USB Keyboard (Spanish or English)	
<b>Mouse</b>	USB Optical Mouse with Scroll	
<b>Operating System</b>	Windows 10 Professional, 64-bit	
<b>External I/O Ports</b>	8 Puertos USB (Mínimo de 6 puertos USB 3.0)	
	1 Ethernet (RJ45)	
	Display port	
	1 Microphone-in (minijack)	
	1 Speakers/Line-out (minijack)	
<b>Camera</b>	Integrated 2.0MP Webcam	
<b>Power Supply</b>	92 Percent Efficient or more, Energy Star compliant	
<b>Warranty</b>	<b>Según SLA (Service Level Agreement)</b>	
<b>Environmental and Regulatory Standards</b>	Certified UL, ISO-900x, ISO-1400x, ENERGY STAR, TCO 05, WEEE, EPEAT GOLD, Carbon Off-set, Energy Smart settings or similar, Thermal management technology to manage variable speed fans	
<b>Security</b>	Chassis lock slot and lock loop support	
	Setup/BIOS Password	
	TPM 1.2 Security	
<b>Upgrades (Opcionales)</b>		

<b>Memory Options</b>	
Upgrade 16GB DDR4 Non-ECC SDRAM, 2133MHz	\$145.00
<b>Hard Disk Drives Options</b>	
<b>Imagen del Recinto</b> (Sistema Operativo y Aplicaciones)	\$25.00
500GB SATA Solid-State Drive SSD (Change)	\$225.00
<b>Speakers Options</b>	
Desktop Speakers	\$30.00
Desktop Speakers with Subwoofer	\$50.00
Flat Panel Soundbar Speakers	\$28.00
<b>Others Warranty Options</b>	
3 Year warranty Parts and Labor, Next Business Day on-site service	\$0.00
3 Year warranty Parts and Labor, 9 x 5, 4 Hours Response on-site service	\$89.00
3 Year warranty Parts and Labor, 24 x 7, 4 Hours Response on-site service	\$115.00

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**SUBASTA DE COMPUTADORAS PERSONALES, LAPTOPS Y TABLETAS (JSC 007-2016-2017)**

**Modelo Workstation**

**Proveedor: Caribbean Data Systems**

Descripción	Especificación Mínima	Costo
<b>Modelo</b>	<b>Dell Precision T5810</b>	<b>\$2,345.00</b>
<b>Processor</b>	Intel Xeon E5-2630 v4 (2.2 GHz, 25 MB cache, 10 cores, Intel® vPro)	
<b>Memory</b>	32GB, 2400MHz, DDR4, ECC	
<b>Chipset</b>	Intel C612	
<b>Hard Drive Controller</b>	SATA Controller with Minimum 6 Ports	
<b>Hard Drive</b>	1TB SATA Solid-State Drive (SSD)	
<b>Network Card</b>	Integrated Intel Gigabit Network Card (10/100/1000) Remote Wake Up and PXE support	
<b>Audio Support</b>	Integrated Audio Card	
<b>Video Card</b>	NVIDIA NVS 310	
<b>Optical</b>	DVD+/-RW SATA	
<b>Media Card Reader</b>	Media Card Reader for MT	
<b>Chassis</b>	Tower	
<b>Monitor Digital</b>	24 inch <b>LED</b> WideScreen Flat Panel Dell P2417H (Igual marca que el Equipo)	
	Viewable Area of 23.8" minimum	
	Height adjustable stand	
	Connectivity VGA, Display port, HDMI	
	Normal Resolution 1920 x 1080	
	4 USB Ports	
	14 ms Response Time minimum	
	Anti glare Panel	
	Swivel, Tilt and Pivot Move	
	Contrast Ratio 1000:1	
250cd/m2 Brightness		
<b>Keyboards</b>	Keyboard (Spanish or English)	
<b>Mouse</b>	Optical Mouse with Scroll	
<b>Operating System</b>	Windows 10 Professional, 64-bit	
<b>External I/O Ports</b>	8 Puertos USB (Mínimo 4 puertos USB 3.0)	
	1 Ethernet (RJ45)	
	1 serial (9-pin) (16550 compatible)	
	1 Headphone (minijack – front)	
	1 Stereo Line-in (minijack)	
	1 Microphone-in (minijack)	
	1 Speakers/Line-out (minijack)	
<b>Expansion Slots</b>	One PCIe x16, One PCIe x8 slot wired as x4, One PCI 32bit/33Mhz slots	
<b>Power Supply</b>	400 Watts or more , 90+% efficient wide-ranging or more	
<b>Warranty</b>	<b>Según SLA (Service Level Agreement)</b>	



<b>Environmental and Regulatory Standards</b>	Certified UL, ISO-900x, ISO-1400x, ENERGY STAR, TCO 05, WEEE, EPEAT GOLD, Carbon Off-set, Energy Smart settings or similar, Thermal management technology to manage variable speed fans	
<b>Security</b>	Chassis lock slot and lock loop support	
	Setup/BIOS Password	
	Chassis intrusion switch support	
	TPM 1.2 Security	
	Computrace Tracking Capability	
	Certified data destruction Capability	
<b>Upgrades (Opcionales)</b>		
<b>Memory Options</b>		
Upgrade 32GB, DDR4, ECC, 2400MHz		\$410.00
<b>Hard Disk Drives Options</b>		
<b>Imagen del Recinto</b> (Sistema Operativo y Aplicaciones)		\$25.00
1TB SATA Hard Drive, 7200RPM (Secondary Disk)		\$70.00
2TB SATA Hard Drive, 7200RPM (Secondary Disk)		\$95.00
<b>Input Options</b>		
6X Blu-ray Read/ Write Drive		\$200.00
<b>Speakers Options</b>		
Desktop Speakers		\$15.00
Desktop Speakers with Subwoofer		\$80.00
Flat Panel Soundbar Speakers		\$30.00
<b>Monitor Options</b>		
Cambio a 22 inch LED Widescreen, height adjustable stand, VGA Monitor (Igual marca que el Equipo)		(\$10.00)
Segundo Monitor de 22 inch LED Widescreen, height adjustable stand, VGA Monitor (Igual marca que el Equipo)		\$195.00
Segundo monitor de 24 inch <b>LED</b> WideScreen Flat Panel (Igual marca que el Equipo)		\$245.00
Cambio a 27 inch LED Widescreen, height adjustable stand, VGA/DVI Monitor (Igual marca que el Equipo)		\$160.00
Segundo monitor de 27 inch LED Widescreen, height adjustable stand, VGA/DVI Monitor (Igual marca que el Equipo)		\$390.00
Stand para doble monitor (Soporta hasta monitores de 24 inch)		\$175.00
NO MONITOR		-\$100.00
<b>Others Warranty Options</b>		
3 Year warranty Parts and Labor, Next Business Day on-site service		-\$15.00
3 Year warranty Parts and Labor, 9 x 5, 4 Hours Response on-site service		\$390.00
3 Year warranty Parts and Labor, 24 x 7, 4 Hours Response on-site service		\$490.00

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**SUBASTA DE COMPUTADORAS PERSONALES, LAPTOPS Y TABLETAS (JSC 007-2016-2017)**

**Modelo Portátil Básico**

**Proveedor: Computer Inn**

Descripción	Especificación Mínima	Costo
<b>Modelo</b>	<b>HP EliteBook 650 G2</b>	<b>\$1,020.00</b>
<b>Processor</b>	Intel 6th Generation Core i7-6600U Processor (Double Core, Base Frequency 2.60GHz)	
<b>Chipset</b>	Integrated in CPU	
<b>Memory</b>	16.0GB, DDR4, 2133Mhz	
<b>Hard Drive</b>	500GB SATA Hard Drive, 7200RPM or more	
<b>Video Card</b>	Intel Integrated with Processor	
<b>Display</b>	15.6" HD, 1920 x 1080, 16:9, Anti-Glare	
<b>Camera</b>	Integrated 720p HD Webcam	
<b>Microphone</b>	Intergrated Microphone	
<b>Audio</b>	Integrated speakers	
<b>Lan Port</b>	10/100/1000 Gigabit Ethernet	
<b>Wireless Network Card</b>	Integrated 802.11b/g/n and Bluetooth 4.x	
<b>Weight</b>	No más 6 lbs.	
<b>Battery</b>	3-cell Battery or better	
<b>AC Adapter</b>	A/C Adapter with cord wrapping	
<b>Expansion Slot</b>	Media Card Reader	
<b>I/O Ports</b>	Docking connector, 3 USB port, VGA, HDMI Port, Display Port, RJ-45, USB PowerShare, headphone/speaker out, Digital Microphone	
<b>Optical</b>	DVD+/-RW (Interno o Externo)	
<b>Input</b>	Touchpad and Trackstick dual pointing	
<b>Operating System &amp; Applications</b>	Windows 10 Professional, 64 bit	
<b>Security</b>	Optional Fingerprint reader, optional contactless smart card reader, TPM 1.2	
<b>Environmental and Regulatory Standards</b>	Certified UL, ISO-900x, ISO-1400x, ENERGY STAR, TCO 05, WEEE, EPEAT GOLD, Carbon Off-set, Energy Smart settings or similar, Thermal management technology to manage variable speed fans	
<b>Warranty</b>	<b>Según SLA (Service Level Agreement)</b>	
<b>Upgrades (Opcionales)</b>		
<b>Memory</b>		
Upgrade 16.0GB, DDR4, 2133Mhz		No bid
<b>Hard Disk Drives Options</b>		
1TB SATA Hard Drive, 7200RPM (Change)		\$75.00
500GB SATA Solid-State Drive SSD (Change)		\$120.00
<b>Imagen del Recinto (Sistema Operativo y Aplicaciones)</b>		\$25.00
<b>External Monitors and Port Replicator Options</b>		
24 inch LED Widescreen, height adjustable stand, VGA/DVI/DP Monitor (Igual marca que el Equipo)		\$190.00
27 inch LED Widescreen, height adjustable stand, VGA/DVI/DP Monitor (Igual marca que el Equipo)		\$250.00
Port Replicator with dual digital display and legacy port support		\$115.00
Flat Panel Stand, stand for flat panel monitor and port replicator		\$199.00

<b>Accessories</b>	
Nylon Carrying Backpack	\$30.00
Nylon Carrying Case	\$25.00
Leather Carrying Case or Executive Carrying Case	\$45.00
Locking Cable	\$45.00
<b>Others Warranty Options</b>	
3 Year warranty Parts and Labor, Next Business Day on-site service	\$0.00
3 Year warranty Parts and Labor, 9 x 5, 4 Hours Response on-site service	\$80.00
3 Year warranty Parts and Labor, 24 x 7, 4 Hours Response on-site service	\$200.00

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**Modelo Portátil Avanzado**

**Proveedor: Caribbean Data Systems**

Descripción	Especificación Mínima	Costo
<b>Modelo</b>	<b>Dell Latitude E5580</b>	<b>\$1,440.00</b>
<b>Processor</b>	Intel 7th Generation Core i7-7820HQ (Quad Core, 2.9GHz, 8M cache)	
<b>Chipset</b>	Integrated in CPU	
<b>Memory</b>	32.0GB, DDR4, 2133Mhz	
<b>Hard Drive</b>	512 GB Solid State Drive (SSD)	
<b>Video Card</b>	NVidia Geforce 940MX Discrete Graphics with Thunderbolt	
<b>Display</b>	15.6" Full HD, 1920 x 1080, 16:9, Anti-Glare	
<b>Camera</b>	Integrated 720p HD Webcam	
<b>Microphone</b>	Intergrated Microphone	
<b>Audio</b>	Integrated speakers	
<b>Lan Port</b>	10/100/1000 Gigabit Ethernet	
<b>Wireless Network Card</b>	Integrated 802.11b/g/n and Bluetooth 4.x	
<b>Weight</b>	No más 6 lbs.	
<b>Battery</b>	3-cell Battery or better	
<b>AC Adapter</b>	A/C Adapter with cord wrapping	
<b>Expansion Slot</b>	Media Card Reader	
<b>I/O Ports</b>	Docking connector, 3 USB port, VGA, HDMI Port, Display Port, RJ-45, USB PowerShare, headphone/speaker out, Digital Microphone	
<b>Optical</b>	DVD+/-RW (Interno o Externo)	
<b>Input</b>	Touchpad and Trackstick dual pointing	
<b>Operating System &amp; Applications</b>	Windows 10 Professional, 64 bit	
<b>Security</b>	Optional Fingerprint reader, optional contactless smart card reader, TPM 1.2	
<b>Environmental and Regulatory Standards</b>	Certified UL, ISO-900x, ISO-1400x, ENERGY STAR, TCO 05, WEEE, EPEAT GOLD, Carbon Off-set, Energy Smart settings or similar, Thermal management technology to manage variable speed fans	
<b>Warranty</b>	<b>Según SLA (Service Level Agreement)</b>	

<b>Upgrades (Opcionales)</b>		
<b>Hard Disk Drives Options</b>		
<b>Imagen del Recinto (Sistema Operativo y Aplicaciones)</b>		\$25.00
<b>External Monitors and Port Replicator Options</b>		
24 inch LED Widescreen, height adjustable stand, VGA/DVI/DP Monitor (Igual marca que el Equipo)		\$245.00
27 inch LED Widescreen, height adjustable stand, VGA/DVI/DP Monitor (Igual marca que el Equipo)		\$390.00
Port Replicator with dual digital display and legacy port support		\$135.00
Flat Panel Stand, stand for flat panel monitor and port replicator		\$105.00
<b>Accessories</b>		
Nylon Carrying Backpack		\$30.00
Nylon Carrying Case		\$40.00

Leather Carrying Case or Executive Carrying Case	\$75.00
Locking Cable	\$25.00
<b>Others Warranty Options</b>	
3 Year warranty Parts and Labor, Next Business Day on-site service	-\$15.00
3 Year warranty Parts and Labor, 9 x 5, 4 Hours Response on-site service	\$399.00
3 Year warranty Parts and Labor, 24 x 7, 4 Hours Response on-site service	\$499.00

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**SUBASTA DE COMPUTADORAS PERSONALES, LAPTOPS Y TABLETAS (JSC 007-2016-2017)**

**Modelo Portátil Workstation**

**Proveedor: Caribbean Data Systems**

Descripción	Especificación Mínima	Costo
<b>Modelo</b>	<b>Dell Mobile Precision 7520</b>	<b>\$2,150.00</b>
<b>Processor</b>	Intel 7th Generation Core i7-7820HQ (Quad Core, 2.9GHz, 8M cache)	
<b>Chipset</b>	Intel Mobile CM238	
<b>Memory</b>	32.0GB, DDR4, 2400Mhz	
<b>Hard Drive</b>	1TB Solid State Drive (SSD)	
<b>Video Card</b>	Nvidia Quadro M1200M w/4GB GDDR5 or better	
<b>Display</b>	15.6" LED-backlit, Full HD, 1920 x 1080, 16:9, wide view, Anti-Glare	
<b>Camera</b>	Integrated 720p HD Webcam	
<b>Microphone</b>	Intergrated Microphone	
<b>Audio</b>	Integrated speakers	
<b>Lan Port</b>	10/100/1000 Gigabit Ethernet	
<b>Wireless Network Card</b>	Integrated 802.11b/g/n and Bluetooth 4.x	
<b>Weight</b>	No más 7 lbs.	
<b>Battery</b>	6-Cell Battery or better	
<b>AC Adapter</b>	A/C Adapter with cord wrapping	
<b>Expansion Slot</b>	Media Card Reader	
<b>I/O Ports</b>	Docking connector, 4 USB port, 1 x Thunderbolt 3, 1 HDMI port, VGA, Display Port, RJ-45, USB PowerShare, headphone/speaker out, Digital Microphone	
<b>Optical</b>	DVD+/-RW (Interno o Externo)	
<b>Input</b>	Touchpad and Trackstick dual pointing	
<b>Operating System &amp; Applications</b>	Windows 10 Professional, 64 bit	
<b>Security</b>	Optional Fingerprint reader, optional contactless smart card reader, TPM 1.2, FIPS Certified	
<b>Environmental and Regulatory Standards</b>	Certified UL, ISO-900x, ISO-1400x, ENERGY STAR, TCO 05, WEEE, EPEAT GOLD, Carbon Off-set, Energy Smart settings or similar, Thermal management technology to manage variable speed fans	
<b>Warranty</b>	<b>Según SLA (Service Level Agreement)</b>	
<b>Upgrades (Opcionales)</b>		
<b>Memory</b>		
Upgrade 32.0GB, DDR4, 2133Mhz		\$330.00
<b>Hard Disk Drives Options</b>		
1TB SATA Hard Drive, 7200RPM (Secondary Disk)		\$90.00
500GB SATA Solid-State Drive SSD (Secondary Disk)		\$210.00
1TB SATA Solid-State Drive SSD (Secondary Disk)		\$585.00
<b>Imagen del Recinto (Sistema Operativo y Aplicaciones)</b>		<b>\$25.00</b>

<b>External Monitors and Port Replicator Options</b>	
24 inch LED Widescreen, height adjustable stand, VGA/DVI/DP Monitor (Igual marca que el Equipo)	\$245.00
27 inch LED Widescreen, height adjustable stand, VGA/DVI/DP Monitor (Igual marca que el Equipo)	\$390.00
Port Replicator with dual digital display and legacy port support	\$190.00
Flat Panel Stand, stand for flat panel monitor and port replicator	\$105.00
<b>Accessories</b>	
Nylon Carrying Backpack	\$30.00
Nylon Carrying Case	\$40.00
Leather Carrying Case or Executive Carrying Case	\$75.00
Locking Cable	\$25.00
<b>Others Warranty Options</b>	
3 Year warranty Parts and Labor, Next Business Day on-site service	-\$15.00
3 Year warranty Parts and Labor, 9 x 5, 4 Hours Response on-site service	\$399.00
3 Year warranty Parts and Labor, 24 x 7, 4 Hours Response on-site service	\$499.00

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**Administración Central**  
**Oficina de Sistemas de Información**

**SUBASTA DE COMPUTADORAS PERSONALES, LAPTOPS Y TABLETAS (JSC 007-2016-2017)**

**Modelo Microsoft Surface Pro 4**

**Proveedor: Computer Services & Support, Inc.**

Descripción	Especificación Mínima	Costo
<b>Modelo</b>	<b>Microsoft Surface Pro 4</b>	<b>\$2,599.00</b>
<b>Processor</b>	Intel 6 <sup>th</sup> Generation Core i7	
<b>Memory</b>	8GB	
<b>Internal Storage</b>	256GB Solid State Drive	
<b>Video Card</b>	Intel Iris Graphics	
<b>Display</b>	12.3" PixelSense, 2736 x 1824 Resolution, Multi-Touch Display	
<b>Color</b>	Silver	
<b>Cameras</b>	5MP Front-Facing, 8.0MP Rear-Facing with 1080 HD video	
<b>Microphone</b>	Intergrated Stereo Microphone	
<b>Audio</b>	Integrated Stereo Speakers	
<b>Wireless Network Card</b>	Integrated 802.11a/b/g/n/ac and Bluetooth 4.x	
<b>Weight</b>	No más de 2 lbs.	
<b>Battery</b>	Up to 9 hours of web browsing	
<b>AC Adapter</b>	36W A/C Adapter with cord wrapping	
<b>Sensors</b>	Accelerometer, Ambient light sensor, Gyroscope and Magnetometer	
<b>I/O Ports</b>	1 Full-size USB 3.0 port, MicroSD card reader, Mini DisplayPort, Headset jack, Cover port and Charging port	
<b>Pointing Device</b>	Surface Pen	
<b>Operating System</b>	Windows 10 Pro, 64 bit	
<b>Warranty</b>	<b>Microsoft Complete Extended Service Plan for Surface Pro (3 years)</b>	
<b>Tablet Options (Opcionales)</b>		
<b>Accessories</b>		
Surface Pro 4 Type Cover (Black)		\$199.00
Surface Pro 4 Docking Station		\$199.00
Surface USB 3.0 Ethernet Adapter		\$79.00
Microsoft Wireless Display Adapter		\$79.00
Arc Touch Mouse Surface Edition		\$79.00
Surface Mini DisplayPort to VGA Adapter		\$79.00
Surface Mini DisplayPort HDMI AV Adapter		\$79.00
Surface Pro Carrying Case		\$199.00



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**Administración Central**  
**Oficina de Sistemas de Información**

**SUBASTA DE COMPUTADORAS PERSONALES, LAPTOPS Y TABLETAS (JSC 007-2016-2017)**

**Modelo Microsoft Surface Book**

Proveedor: Computer Services & Support, Inc.

Descripción	Especificación Mínima	Costo
<b>Modelo</b>	<b>Microsoft Surface Book</b>	<b>\$2,599.00</b>
<b>Processor</b>	Intel 6 <sup>th</sup> Generation Core i7	
<b>Memory</b>	8GB	
<b>Internal Storage</b>	256GB Solid State Drive	
<b>Video Card</b>	NVIDIA GeForce graphics	
<b>Display</b>	13.5" PixelSense, 3000 x 2000 Resolution, Multi-Touch Display	
<b>Color</b>	Silver	
<b>Cameras</b>	5MP Front-Facing, 8.0MP Rear-Facing	
<b>Microphone</b>	Intergrated Stereo Microphone	
<b>Audio</b>	Integrated Stereo Speakers	
<b>Wireless Network Card</b>	Integrated 802.11a/b/g/n/ac and Bluetooth 4.x	
<b>Keyboard</b>	Integrated keyboard	
<b>Weight</b>	No más de 4 lbs.	
<b>Battery</b>	Up to 9 hours of web browsing	
<b>AC Adapter</b>	A/C Adapter with cord wrapping	
<b>Sensors</b>	Accelerometer, Ambient light sensor, Gyroscope and Magnetometer	
<b>I/O Ports</b>	2 Full-size USB 3.0 port, Full Size SD card reader, Mini DisplayPort, Headset jack, Cover port and Charging port	
<b>Pointing Device</b>	Surface Pen	
<b>Operating System</b>	Windows 10 Pro, bit	
<b>Warranty</b>	<b>Microsoft Complete Extended Service Plan for Surface Pro (3 years)</b>	
<b>Tablet Options (Opcionales)</b>		
<b>Accessories</b>		
Surface Docking Station		\$199.00
Surface USB 3.0 Ethernet Adapter		\$199.00
Microsoft Wireless Display Adapter		\$79.00
Arc Touch Mouse Surface Edition		\$79.00
Surface Mini DisplayPort to VGA Adapter		\$79.00
Surface Mini DisplayPort HDMI AV Adapter		\$79.00
Surface Book Carrying Case		\$199.00

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**Oficina de Sistemas de Información**

**SUBASTA DE COMPUTADORAS PERSONALES, LAPTOPS Y TABLETAS (JSC 007-2016-2017)**

**Modelo Tablet 9.7-inch iPad Pro**

**Proveedor: Computer Services & Support, Inc.**

Descripción	Especificación Mínima	Costo
<b>Modelo</b>	<b>Apple iPad Pro (9.7")</b>	<b>\$699.00</b>
<b>Processor</b>	A9X chip with 64 bit architecture Embedded M9 coprocessor	
<b>Capacity</b>	128GB	
<b>Finish</b>	Space Gray, Silver or Gold	
<b>Display</b>	Retina display, 9.7-inch (diagonal) LED-backlit Multi-Touch display with IPS technology, 2048-by-1536 resolution at 264 pixels per inch (ppi)	
<b>Cameras</b>	FaceTime HD Camera, Video Recording, iSight Camera	
<b>Microphone</b>	Intergrated Microphone	
<b>Audio</b>	Integrated speakers	
<b>Wireless Network Card</b>	Integrated 802.11a/b/g/n/ac and Bluetooth 4.x	
<b>Weight</b>	No más de 2 lbs.	
<b>Battery</b>	Built-in 27.3-watt-hour rechargeable lithium-polymer	
<b>AC Adapter</b>	Lightning to USB Cable with USB Power Adapter	
<b>Sensors</b>	Three-axis gyro, Accelerometer, Ambient light sensor	
<b>I/O Ports</b>	Stereo headphone minijack	
<b>Operating System</b>	iOS 10	
<b>Warranty</b>	<b>3 Years AppleCare Protection Plan</b>	

<b>Tablet Options (Opcionales)</b>		
<b>Accessories</b>		
iPad Pro Smart Cover 9.7-inch		\$59.00
iPad Pro Apple Pencil		\$109.00
iPad Pro Smart Keyboard 9.7-inch		\$154.00
iPad Pro Silicone Case for 9.7-inch		\$74.00
Lightning to USB 3 Camera Adapter		\$39.00
Lightning to SD Card Camera Reader		\$39.00
Lightning to VGA Adapter		\$55.00
Lightning Digital AV Adapter		\$55.00
Lightning to Micro USB Adapter		\$39.00

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**Oficina de Sistemas de Información**

**SUBASTA DE COMPUTADORAS PERSONALES, LAPTOPS Y TABLETAS (JSC 007-2016-2017)**

**Modelo Tablet 12.9-inch iPad Pro**

**Proveedor: Computer Services & Support, Inc.**

Descripción	Especificación Mínima	Costo
<b>Modelo</b>	<b>Apple iPad Pro (12.9")</b>	<b>\$999.00</b>
<b>Processor</b>	A9X chip with 64 bit architecture Embedded M9 coprocessor	
<b>Capacity</b>	256GB	
<b>Finish</b>	Space Gray, Silver or Gold	
<b>Display</b>	Retina display, 12.9-inch (diagonal) LED-backlit Multi-Touch display with IPS technology, 2732-by-2048 resolution at 264 pixels per inch (ppi)	
<b>Cameras</b>	FaceTime HD Camera, Video Recording, iSight Camera	
<b>Microphone</b>	Intergrated Microphone	
<b>Audio</b>	Integrated speakers	
<b>Wireless Network Card</b>	Integrated 802.11a/b/g/n/ac and Bluetooth 4.x	
<b>Weight</b>	No más de 2 lbs.	
<b>Battery</b>	Built-in 38.5-watt-hour rechargeable lithium-polymer	
<b>AC Adapter</b>	Lightning to USB Cable with USB Power Adapter	
<b>Sensors</b>	Three-axis gyro, Accelerometer, Ambient light sensor	
<b>I/O Ports</b>	Stereo headphone minijack	
<b>Operating System</b>	iOS 10	
<b>Warranty</b>	<b>3 Years AppleCare Protection Plan</b>	
<b>Tablet Options (Opcionales)</b>		
<b>Accessories</b>		
iPad Pro Smart Cover 12.9-inch		\$69.00
iPad Pro Apple Pencil		\$109.00
iPad Pro Smart Keyboard 12.9-inch		\$179.00
iPad Pro Silicone Case for 12.9-inch		\$89.00
Lightning to USB 3 Camera Adapter		\$39.00
Lightning to SD Card Camera Reader		\$39.00
Lightning to VGA Adapter		\$55.00
Lightning Digital AV Adapter		\$55.00
Lightning to Micro USB Adapter		\$39.00

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**Oficina de Sistemas de Información**

**SUBASTA DE COMPUTADORAS PERSONALES, LAPTOPS Y TABLETAS (JSC 007-2016-2017)**

**Modelo MacBook Pro**

**Proveedor: Computer Services & Support, Inc.**

Descripción	Especificación Mínima	Costo
<b>Modelo</b>	<b>Apple MacBook Pro</b>	<b>\$2,799.00</b>
<b>Processor</b>	Intel Core i7 Processor, Quad-Core, 2.6GHz, 6 MB	
<b>Memory</b>	16.0GB, LPDDR3, 2133Mhz	
<b>Hard Drive</b>	512GB PCIe-based flash storage	
<b>Video Card</b>	Intel HD Graphics 530	
<b>Display</b>	15.4 inch Retina display LED-backlit display with IPS technology; 2880 by 1800 resolution	
<b>Touch Bar</b>	Touch Bar with integrated Touch ID sensor	
<b>Camera</b>	720p FaceTime HD camera	
<b>Microphone</b>	Intergrated Microphone	
<b>Color</b>	Silver or Space Gray	
<b>Audio</b>	Integrated speakers	
<b>Wireless Network Card</b>	Integrated 802.11b/g/n and Bluetooth 4.x	
<b>Weight</b>	No más 6 lbs.	
<b>Battery</b>	Built-in 99.5-watt-hour lithium-polymer battery	
<b>AC Adapter</b>	A/C Adapter with cord wrapping	
<b>Expansion Slot</b>	SDXC Media Card Slot	
<b>I/O Ports</b>	4 Thunderbolt 3 ports (USB-C), Headphone out, Microphone	
<b>Input</b>	Full-size backlit keyboard with ambient light sensor and Force Touch Trackpad	
<b>Operating System</b>	macOS Sierra	
<b>Warranty</b>	<b>3 Years AppleCare Protection Plan</b>	

Upgrades (Opcionales)	Costo
LG UltraFine 5K Display	\$1,050.00
USB-C to USB Adapter	\$15.00
Thunderbolt 3 (USB-C) to Thunderbolt 2 Adapter	\$39.00
USB-C to Lightning Cable (1 m)	\$45.00
Belkin USB-C to Gigabit Ethernet Adapter	\$36.00
Apple Magic Mouse 2	\$89.00
USB-C Digital AV Multiport Adapter	\$59.00
Apple USB SuperDrive	\$89.00
Thunderbolt 3 (USB-C) to HDMI Adapter	\$59.00
Thunderbolt 3 (USB-C) to VGA Adapter	\$59.00
Apple Wireless Keyboard - English	\$110.00
Nylon Carrying Backpack	\$160.00
Nylon Carrying Case with 2 pockets	\$80.00

Leather Carrying Case
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\$90.00
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**Modelo iMac**

**Proveedor: Computer Services & Support, Inc.**

Descripción	Especificación Mínima	Costo
<b>Modelo</b>	<b>Apple iMac</b>	<b>\$2,347.00</b>
<b>Processor</b>	Intel Core i5 Processor, Quad-Core, 3.2GHz	
<b>Memory</b>	16.0GB, DDR3, 1867MHz	
<b>Hard Drive</b>	1TB Fusion Drive	
<b>Video Card</b>	AMD Radeon R9 M390 graphics processor with 2GB of GDDR5 memory	
<b>Display</b>	27-inch (diagonal) Retina display with IPS technology; 5120-by-2880 resolution	
<b>Camera</b>	FaceTime HD camera	
<b>Microphone</b>	Intergrated Microphone	
<b>Audio</b>	Integrated speakers	
<b>Wireless Network Card</b>	Integrated 802.11b/g/n and Bluetooth 4.x	
<b>LAN Port</b>	10/100/1000BASE-T Gigabit Ethernet (RJ-45 connector)	
<b>AC Adapter</b>	A/C Adapter with cord wrapping	
<b>Expansion Slot</b>	SDXC Media Card Slot	
<b>I/O Ports</b>	4 USB 3 port, 2 Thunderbolt 2 ports, Headphone Port	
<b>Input</b>	Apple Wireless Keyboard and Apple Magic Mouse	
<b>Operating System</b>	macOS Sierra	
<b>Warranty</b>	<b>3 Years AppleCare Protection Plan</b>	
<b>Upgrades (Opcionales)</b>		
Apple Mini DisplayPort to DVI Adapter		\$39.00
Apple Mini DisplayPort to VGA Adapter		\$39.00
Apple Mini DisplayPort to Dual-Link DVI Adapter		\$109.00
Apple USB SuperDrive		\$89.00

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**Administración Central**  
**Oficina de Sistemas de Información**

**SUBASTA DE COMPUTADORAS PERSONALES, LAPTOPS Y TABLETAS (JSC 007-2016-2017)**

**Modelo MacPro**

**Proveedor: Computer Services & Support, Inc.**

Descripción	Especificación Mínima	Costo
<b>Modelo</b>	<b>Apple MacPro</b>	<b>\$4,899.00</b>
<b>Processor</b>	3.7GHz Intel Xeon E5 with 10MB L3 cache	
<b>Memory</b>	12GB of 1866MHz DDR3 ECC memory	
<b>Hard Drive</b>	1TB PCIe-based flash storage	
<b>Video Card</b>	Dual AMD FirePro D300 graphics processors with 2GB of GDDR5 VRAM	
<b>Display</b>	LG UltraFine 5K Display	
<b>Audio</b>	Integrated speakers	
<b>Wireless Network Card</b>	Integrated 802.11b/g/n and Bluetooth 4.x	
<b>LAN Port</b>	Dual Gigabit Ethernet	
<b>AC Adapter</b>	A/C Adapter with cord wrapping	
<b>Expansion Slot</b>	SDXC Media Card Slot	
<b>I/O Ports</b>	4 USB 3 port, 6 Thunderbolt 2 ports, Headphone out, 1 HDMI port	
<b>Input</b>	Apple Wireless Keyboard - English and Apple Magic Mouse	
<b>Operating System</b>	macOS Sierra	
<b>Warranty</b>	<b>3 Years AppleCare Protection Plan</b>	
<b>Upgrades (Opcionales)</b>		
LG UltraFine 5K Display (Second Display)		\$1,050.00
Apple Mini DisplayPort to DVI Adapter		\$39.00
Apple Mini DisplayPort to VGA Adapter		\$39.00
Apple Mini DisplayPort to Dual-Link DVI Adapter		\$109.00
Apple USB SuperDrive		\$89.00