

Техническа спецификация

№	Модел	Спецификация	Количество	Прогнозно стойност без ДДС
1	Преносим компютър 1	CPU Intel® Core™ i3-4005U Processor (3M Cache, 1.70 GHz)	4	3 000,00 лв.
		• LCD 15.6" FHD(1920 x 1080), Glare		
		• Memory 4GB DDR3L 1600 Mhz		
		• VGA AMD или NVIDIA , 2G RAM		
		• HDD 1TB		
		• Optical Storage DVD-RW		
		• Communications Bluetooth® 4.0		
		• Expansion Slots 1 x USB 3.0; 2 x USB 2.0		
		HDMI-out		
		2-in-1 (SD / MMC) card reader		
		• Audio Dolby® Advanced Audio™ v2		
		• Camera 720p		
		• Battery - 4 cells Up to 4 hours		
		• Operating System -Free DOS		
		Клавиатура: Фабрично надписана по БДС		
2	Преносим компютър 3	• CPU	1	1 080,00 лв.
		Intel® Core™ i5-4210U Processor (3M Cache, up to 2.70 GHz)		
		• LCD		
		15.6" FHD (1920 x 1080), 16:9 widescreen, Glare		
		• Memory		
		8GB 1600 DDR3L		
		• VGA		
		NVIDIA® Geforce 840M, 4GB RAM		
		• HDD		
		1TB SSHD with 8GB integrated NAND flash		
		• Optical Storage		
		DVD-RW		
		• Communications		
		Bluetooth® 4.0		
		802.11 a/c, WiFi		
		10/100/1000M LAN		
		• Expansion Slots		
		1 x USB 3.0		
		2 x USB 2.0		
		Audio Combo Jack		
HDMI-out				
2-in-1 (SD / MMC) card reader				
• Audio				
Stereo speakers with Dolby® Home Theater®				
• Camera				
HD 720p camera with array mic				
• Battery				
4 cells Up to 4 hours				
• Operating System -Free DOS				
Клавиатура: Фабрично надписана по БДС				
		CPU		
		Intel® Pentium® Processor 3805U (2M Cache, 1.90 GHz)		
		• LCD		
		14.0 HD AntiGlare, Touch		
		• Memory		
		4GB DDR3L		
		• VGA		
		Integrated Intel® Graphics		
• HDD				
500GB SSHD with 8GB Flash				

3	Преносим компютър – презентации Touch	<ul style="list-style-type: none"> ● Communications Bluetooth® 4.0, Intel® 3160 1X1 AC WiFi ● Expansion Slots 2 x USB 3.0 1 x USB 2.0 HDMI-out, RJ-45 Audio Combo Jack (headphone and mic) 4-in-1 card reader ● Audio Dolby® Home Theater® ● Camera .3M ● Battery Up to 8 hours ● Operating System Windows 8.1 	2	1 890,00 лв.
4	Работна станция - графична 1	<p>-Процесор: I3/3.7GHZ/4MB/LGA1150 -Chipset Intel® Z97</p> <p>Оперативна памет: 4GB DDR3/1600 Mhz RAM, 4 x DDR3 DIMM Slots да поддържа разширение минимум до 32GB</p> <p>Твърд диск:SSD 256G SATA3, NAND Flash Synchronous MLC</p> <ul style="list-style-type: none"> • Interface SATA 6Gb/sec Read : Up to 540MB/s Write : Up to 160MB/s <p>Оптично устройство: DVDRW, Видео контролер: video RAM min 1GB GDDR5 128 bit PCI Express 3.0 (HDMI)</p> <p>- Expansion Slots 1 x PCI Express 3.0 x16 Slot (PCIЕ2: x16 mode) 3 x PCI Express 2.0 x1 Slots 2 x PCI Slots</p> <p>-Мрежов контролер: 10/100/1000 Mb/s</p> <p>Захранване: Захранващ блок с мощност минимум 600W и ефективност минимум 85%</p> <p>-Интерфейсни портове: 2 USB 2.0, 4 USB 3.0, Audio-Out HD Audio Jacks: Side Speaker / Rear Speaker / Central / Bass / Line in / Front Speaker / Microphone</p> <p>Operating System - DOS Клавиатура: Фабрично надписана по БДС ; Мишка laser 1000 dpi</p>	20	21 500,00 лв.
5	Работна станция - графична 2	<p>Процесор: I5/3.5G/6MB/BOX/LGA1150 -Chipset Intel® Z97</p> <p>-Оперативна памет: 16 GB DDR3/1600 Mhz RAM, 4 x DDR3 DIMM Slots да поддържа разширение минимум до 32GB</p> <p>Твърд диск:SSD 256GB SATA3, NAND Flash Synchronous MLC, Interface SATA 6Gb/sec, Read : Up to 540MB/s Write : Up to 160MB/s</p> <p>-Твърд диск: 1T SATA 6G/7200/64M</p> <p>Оптично устройство: DVDRW, -Видео контролер: video RAM min 2GB GDDR5 128 bit PCI- Express 3.0 , Microsoft DirectX 12, OpenGL 4.4 (HDMI) • Expansion Slots 1 x PCI Express 3.0 x16 Slot (PCIЕ2: x16 mode) 3 x PCI Express 2.0 x1 Slots 2 x PCI Slots</p> <p>-Мрежов контролер: 10/100/1000 MB</p> <p>Захранване: Захранващ блок с мощност минимум 850W и ефективност минимум 85%</p>	2	3 184,00 лв.

	-Интерфейсни портове: 2 USB 2.0, 4 USB 3.0, Audio-Out - HD Audio Jacks: Side Speaker / Rear Speaker / Central / Bass / Line in / Front Speaker / Microphone		
	Operating System - DOS Клавиатура: Фабрично надписана по БДС ; Мишка laser 1000 dpi		
Работна станция - графична 6	Процесор: I5/3.5G/6MB/BOX/LGA1150		
	-Chipset Intel® Z97		
	-Оперативна памет: 16 GB DDR3/1600 Mhz RAM, 4 x DDR3 DIMM Slots да поддържа разширение минимум до 32GB		
	Твърд диск: SSD 256G SATA3, NAND Flash Synchronous MLC, Interface SATA 6Gb/sec,		
	Read : Up to 540MB/s		
	Write : Up to 160MB/s		
	-Твърд диск: 1T SATA 6G/7200/64M		
	-Оптично устройство: DVDRW,		
	-Видео контролер: video RAM min 1GB GDDR5 128 bit PCI- Express 3.0		
	• Output		
	1 x HDMI (with 3D)		
	1 x DisplayPort 1.2		
	1 x Dual-Link DVI-I		
	• GPU		
	1050 MHz Core Clock		
	28 nm Chip		
	896 x Stream Processors		
	• Video Memory		
	1024 MB Size		
	128 -bit GDDR5		
	6000 MHz Effective		
	• HDMI (with 3D)		
	• DisplayPort 1.2		
	• Dual-Link DVI-I		
	• Advanced GDDR5 Memory Technology		
	• AMD Stream Technology		
	• AMD Avivo HD (DVD/HD-DVD/Blu-ray Playback)		
	• AMD CrossFireX™ Multi-GPU Technology		
• PCI-Express 2.0	1	1 650,00 лв.	
• AMD HD3D Technology			
• 28 nm GCN (Graphic Core Next) Architecture			
• AMD Eyefinity 2.0			
• Discrete Digital Multi-Point Audio			
• AMD TrueAudio Technology			
• DirectX® 11.2			
• OpenGL 4.3			
• Mantle			
• AMD Catalyst Control Center™			
• Dolby® TrueHD and DTSHD Master Audio™ Support			
• Anti-aliasing features			
• AMD PowerTune™ Technology			
• TriXX Utility			
• Enhanced Unified Video Decoder 3 (UVD 3)			
• AMD App Acceleration			
• AMD PowerPlay with ZeroCore Power Technology			
• AMD HD Media Accelerator			
• Cutting-edge Quad HD display support (4K Support)			
• Expansion Slots			
1 x PCI Express 3.0 x16 Slot (PCIe2: x16 mode)			
3 x PCI Express 2.0 x1 Slots			
2 x PCI Slots			
-Мрежов контролер: 10/100/1000 MB			

		<p>Захранване: Захранващ блок с мощност минимум 850W и ефективност минимум 85%</p> <p>-Интерфейсни портове: 2 USB 2.0, 4 USB 3.0, Audio-Out - HD Audio Jacks: Side Speaker / Rear Speaker / Central / Bass / Line in / Front Speaker / Microphone</p> <p>Operating System - DOS</p> <p>Клавиатура: Фабрично надписана по БДС ; Мишка laser 1000 dpi</p>		
7	Работна станция - графична 3	<p>-Процесор: I3/3.7GHZ/4MB/LGA1150</p> <p>-Chipset Intel® Z97</p> <p>Оперативна памет: 4GB DDR3/1600 Mhz RAM, 4 x DDR3 DIMM Slots да поддържа разширение минимум до 16GB</p> <p>- Твърд диск: 1T SATA 6G/7200/64M</p> <p>-Оптично устройство: DVD RW</p> <p>- Expansion Slots</p> <p>1 x PCI Express 3.0 x16 Slot (PCIЕ2: x16 mode)</p> <p>3 x PCI Express 2.0 x1 Slots</p> <p>2 x PCI Slots</p> <p>-Мрежов контролер: 10/100/1000 Mb/s ;</p> <p>Захранване: Захранващ блок с мощност минимум 550W и ефективност минимум 85% ;</p> <p>-Интерфейсни портове: 2 USB 2.0, 4 USB 3.0, Audio-Out - HD Audio Jacks: Side Speaker / Rear Speaker / Central / Bass / Line in / Front Speaker / Microphone;</p> <p>- Operating System - DOS</p> <p>Клавиатура: Фабрично надписана по БДС USB ;</p> <p>Мишка laser 600 dpi USB</p>	1	780,00 лв.
8	Графична работна станция -5	<p>• CPU Процесор: I3/3.7GHZ/4MB/LGA1150</p> <p>• Chipset-Intel® H97</p> <p>Memory – 8 GB DDR3 1600</p> <p>Dual Channel DDR3 Memory Technology</p> <p>4 x DDR3 DIMM Slots</p> <p>Supports DDR3 1600/1333/1066 non-ECC, un-buffered memory</p> <p>Max. capacity of system memory: 32GB</p> <p>• BIOS</p> <p>128Mb AMI UEFI Legal BIOS with multilingual GUI support</p> <p>ACPI 1.1 Compliant wake up events</p> <p>SMBIOS 2.3.1 support</p> <p>CPU, DRAM, PCH 1.05V, PCH 1.5V Voltage multi-adjustment</p> <p>• Audio- 7.1 CH HD Audio with Content Protection (Realtek ALC892 Audio Codec)</p> <p>Premium Blu-ray Audio support</p> <p>Supports Surge Protection (ELNA Audio Caps</p> <p>• LAN-Gigabit LAN 10/100/1000 Mb/s</p> <p>Giga PHY Intel® I218V</p> <p>Supports Intel® Remote Wake Technology, Wake-On-LAN</p> <p>Supports Lightning/ESD Protection Protection), Energy Efficient Ethernet 802.3az, PXE</p> <p>• Expansion Slots</p> <p>1 x PCI Express 3.0 x16 Slot (PCIЕ1: x16 mode)</p> <p>1 x PCI Express 2.0 x16 Slot (PCIЕ2: x4 mode)</p> <p>2 x PCI Slots</p> <p>• Connectors</p> <p>1 x Print Port Header</p> <p>1 x COM Port Header</p> <p>1 x Chassis Intrusion Header</p> <p>1 x TPM Header</p> <p>2 x CPU Fan Connectors (1 x 4-pin, 1 x 3-pin)</p> <p>2 x Chassis Fan Connectors (1 x 4-pin, 1 x 3-pin)</p>	3	3 150,00 лв.

		1 x Power Fan Connector (3-pin) 1 x 24 pin ATX Power Connector 1 x 8 pin 12V Power Connector 1 x Front Panel Audio Connector 1 x Thunderbolt™ AIC Connector 2 x USB 2.0 Headers (Support 4 USB 2.0 ports) 1 x USB 3.0 Header (Supports 2 USB 3.0 ports) • Storage 6 x SATA3 6.0 Gb/s Connectors, support RAID (RAID 0, 1,5,10, Intel® Rapid Storage Technology 13 and Intel® Smart Response Technology), NCQ, AHCI and Hot Plug • Rear Panel I/O Ports 1 x PS/2 Mouse/Keyboard Port 1 x D-Sub Port 1 x DVI-D Port 1 x HDMI Port 1 x Optical SPDIF Out Port 2 x USB 2.0 Ports 4 x USB 3.0 Ports 1 x RJ-45 LAN HD Audio Jacks: Rear Speaker / Central / Bass / Line in / Front Speaker / Microphone - Твърд диск: 1T SATA 6G/7200/64M/3Y WARR - Видео контролер: video RAM min 1GB GDDR5 128 bit PCI Express 3.0 (HDMI) - Оптично устройство: DVDRW, Захранване: Захранващ блок с мощност минимум 750W и ефективност минимум 85% -Operating System - DOS Клавиатура: Фабрично надписана по БДС USB ; Мишка laser 1000 dpi USB		
9	Работна станция - 4	-Процесор: G3440 3.3GHZ/3M/BOX/1150 Chipset Intel® H81M Оперативна памет: 4GB DDR3/1600 Mhz RAM, 2 x DDR3 DIMM Slots да поддържа разширение минимум до 16GB 1Твърд диск: 1T SATA 6G/7200/64M Оптично устройство: DVDRW, Expansion Slots 1 x PCI Express 3.0 x16 Slot (PCIЕ2: x16 mode) 3 x PCI Express 2.0 x1 Slots 2 x PCI Slots -Мрежов контролер: 10/100/1000 Mb/s - Захранване: Захранващ блок с мощност минимум 450W и ефективност минимум 85% -Интерфейсни портове: 2 USB 2.0, 4 USB 3.0, Audio-Out HD Audio Jacks: Side Speaker / Rear Speaker / Central / Bass / Line in / Front Speaker / Microphone Operating System - DOS Клавиатура: Фабрично надписана по БДС USB ; Мишка laser 600 dpi USB	1	550,00 лв.
10	Монитор 23" IPS	/IPS/FHD/HDMI Aspect Ratio 16:9 • Resolution 1920 x 1080 • Brightness (cd/m2) 250 • Contrast Ratio Original 1000:1 • Response Time (GTG) 5ms • Viewing Angle (°) 178 / 178 • Colour Depth (Num of Colours) 16.7M • Input / Output D-Sub, HDMI	19	4 590,00 лв.
		Screen size (inches) 27" • Panel Type IPS • Aspect Ratio 16:9		

11	Монитор 27" IPS	<ul style="list-style-type: none"> • Resolution 1920 x 1080 • Brightness (cd/m2) 250 • Contrast Ratio Original 1000:1 • Response Time 5ms(GTG) • Viewing Angle (°) 178/178 • Colour Depth (Num of Colours) 16.7M • Pixel Pitch (mm) 0.3114 • Surface Treatment AG(3H) • Input / Output D-Sub, HDMI -Ultra thin bezel 	5	2 250,00 лв.
12	Монитор 22" IPS	<ul style="list-style-type: none"> • Panel Type AH-IPS • Aspect Ratio 16:9 • Resolution 1920 x 1080 • Brightness (cd/m2) 250 • Contrast Ratio Original 1000:1 • Viewing Angle (°) 178 / 178 • Colour Depth (Num of Colours) 16.7M • Pixel Pitch (mm) 0.25 x 0.24 • Colour Gamut 72% • Surface Treatment AG(3H) • Input / Output D-Sub, DVI 	1	192,00 лв.
13	Мултифункционално устройство	<ul style="list-style-type: none"> • Type Machine Type Mono Laser All-in-One Available Functions Print, Copy and Scan • Printer Print Speed Up to 23 ppm (A4) Printing Method Monochrome laser beam printing Print Quality Up to 1200 x 600 dpi with Automatic Image Print Resolution 600 x 600 dpi First Print Out Time 6 secs Printer Languages UFRII-LT Print Margins 5 mm-top and bottom, 5 mm-left and right Toner Saver Mode Yes • Copier Copy Speed Up to 23 ppm (A4) First Copy Output Time (FCOT) Approx. 9 seconds or less Copy Resolution Up to 600 x 600 dpi Copy Modes Text, Text/Photo, Text/Photo+, Photo Multiple Copy Up to 99 copies Reduction / Enlargement 25-400% in 1% increments Toner Saver Mode Yes Other Features Memory sort, 2 on 1, 4 on 1, ID Card Copy • Scanner Type Colour Scan Resolution Optical: Up to 600 x 600 dpi, Enhanced Colour Scanning Depth 24 bit/24 bit (input/output) Greyscales 256 levels Compatibility TWAIN, WIA Max. Scan Width 216 mm • Media handling Scanner Type Flatbed and Automatic Document Feeder (ADF) Paper Input (Standard) 250-sheet tray, 1-sheet manual feed slot, 35-sheet ADF Paper Output 100-sheet Media Types Plain, heavy, Recycled, Transparency, Label, Envelope Media Sizes Tray: A4, B5, A5, LGL, LTR, STMT, EXE, OFFICIO, B-OFFICIO, M-OFFICIO, GLTR, GLGL, FLS, 16K, IndexCard Envelope: COM10, Monarch, C5, DL, Custom sizes: Min. 76.2 x 210mm to Max. 216 x 356mm Manual feed slot: 	4	1 375,00 лв.

		<p>A4, B5, A5, LGL, LTR, STMT, EXE, OFFICIO, B-OFFICIO, M-OFFICIO, GLTR, GLGL, FLS, 16K, IndexCard</p> <p>Envelope: COM10, Monarch, C5, DL, Custom sizes (Min. 76.2 x 127mm to Max. 216 x 356mm)</p> <p>ADF:</p> <p>A4, B5, A5, B6, LTR, LGL</p> <p>Min. 105 x 148mm to Max. 356 x 216mm</p> <p>Media Weights Tray: 60 to 163 g/m²</p> <p>Manual feed slot: 60 to 163 g/m²</p> <p>• Interface & software</p> <p>Interface Type USB 2.0 Hi-speed</p> <p>Operating System Compatibility Windows 7/ XP/ Vista</p> <p>Mac OS X Version 10.4.9 - and up</p> <p>Linux</p> <p>• General features</p> <p>Duty Cycle Max. 10,000 pages per month</p> <p>Warm-up Time Approx.13.5 seconds from power on</p> <p>Memory 128 MB</p> <p>Operating Environment Temperature: 10 to 30°C (50 to 86°F)</p> <p>Humidity: 20 to 80% RH (no condensation)</p> <p>Power Source 220-240 V (±10%), 50/60 Hz (±2 Hz)</p>		
14	Графични таблети 1	<p>Въвеждане с писалка; Разделителна способност - 2540 dpi ; Чувствителност на натиск на писалката -1024; Брой отчитания на състоянието мин. 133 точки в секунда; Активна площ – мин. 216 x 135 мм</p>	14	1 190,00 лв.
14	Графичен таблет 2	<p>Интерфейс-USB & Wireless; Активна площ (Д x Ш)- мин. 224 x 140 мм; Разделителна способност-0.005 мм (5,080 линии/инч); Точност при писалка-± 0.25 mm; Точност при мишка-± 0.5 mm; Чувствителност на наклон-± 60°;Брой отчитания на състоянието- мин. 200 точки в секунда; Нива на натиск – 2048 ;Максимална височина на отчитане при писалка 10 mm; No. of ExpressKeys – мин. 8; Технология- Electromagnetic resonance method.</p>	1	585,00 лв.
16	Графичен таблет 3	<p>Интерфейс-USB & Wireless; Активна площ (Д x Ш)- мин. 325 x 203 мм; Разделителна способност-0.005 мм (5,080 линии/инч); Точност при писалка-± 0.25 mm; Точност при мишка-± 0.5 mm; Чувствителност на наклон-± 60°;Брой отчитания на състоянието- мин. 200 точки в секунда; Нива на натиск – 2048 ;Максимална височина на отчитане при писалка 10 mm; No. of ExpressKeys – мин. 8; Технология- Electromagnetic resonance method.</p>	1	815,00 лв.
		<p>Wireless LED Projector</p> <p>Display</p> <p>Display Technology: 0.45" DLP®</p> <p>Light Source: R/G/B LED</p> <p>Light Source Life (max): 30000 hours</p> <p>True Resolution (native): WXGA(1280x800)</p> <p>Contrast Ratio (typical): 3500:1</p> <p>Color Saturation :100%(NTSC)</p> <p>Display Colors :1.07 Billion</p> <p>• Projection Lens</p> <p>Throw Ratio: 0.9</p> <p>Projection Distance: 0.6 ~3 meters</p> <p>Projection/Screen Size: 31.2 ~153 inches</p> <p>Projection Offset: 100%</p> <p>Zoom Ratio: Fixed</p> <p>• Video Feature</p> <p>Picture Modes: 7 Modes, (Black board/White board/Dyna</p> <p>Keystone adjustment: Digital (Up to +/- 40 degree)</p> <p>Auto Keystone: Yes</p>		

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Мултимедиен проектор -1

Aspect Ratio: 4:3 /16:9/16:10
Projector Placement: Front Table/Front Ceiling/Rear Table
• Audio Features
Built-in Speaker: 2 W x 2
• Signal Frequency
Analog Signal Frequency: 31.5 ~ 91.1 KHz(H)/ 50 ~ 85 Hz
Digital Signal Frequency: 31.5 ~ 91.1 KHz(H)/ 50 ~ 85 Hz
• Power
Power On Mode: <= 85 W
Standby Mode: <0.5 W
• I/O Ports
PC Signal Input : HDMI, D-sub
Video Input : Composite Video
Audio Output : Earphone out
USB Port : 1 x downstream
Card Reader : SD
• Multimedia Formats Supported
VideoMOV, MP4, AVI, MKV, MPG, MPEG, WMV
AudioMP2, MP3, WAV, WMA, AAC
PictureJPEG, BMP, JPG
Document ViewerAdobe PDF, Microsoft PowerPoint, Microsoft Word

4

2 935,00 лв.

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Мултимедиен проектор -2

• Technical Information
Projection System DLP
Projection Method Ceiling
Front
Rear
3D Capability DLP 3D
Video Compatibility EDTV
HDTV
NTSC
PAL
SDTV
SECAM
Computer Compatibility Mac PC
Windows PC
• Projection Lens
Lens Type Manual Focus
Manual Zoom
Minimum Lens Aperture F/2.41
Maximum Lens Aperture F/2.7
Minimum Focal Length 18.17 mm
Maximum Focal Length 21.81 mm
Minimum Diagonal Image Size 660.40 mm
Maximum Diagonal Image Size 7.62 m
Minimum Projection Distance 1 m
Maximum Projection Distance 9.80 m
Optical Zoom 1.2x
• Lamp
Lamp Type UHP
Number of Lamps 1
Lamp Power 260 W
Normal Mode Lamp Life 3000 Hour
Economy Mode Lamp Life 4000 Hour
ExtremeEco Mode Lamp Life 5000 Hour
• Image
Maximum Vertical Sync 120 Hz
Maximum Horizontal Sync 100 kHz
Minimum Vertical Sync 24 Hz
Minimum Horizontal Sync 15 kHz
Colour Support 1.07 Billion Colors (30-bit)
Maximum Resolution 1920 x 1200
Native Resolution 1024 x 768
Native Aspect Ratio 4:3
Compatible Aspect Ratio 16:9

3

2 625,00 лв.

		Contrast Ratio 17,000:1		
		Throw Ratio 1.6 to 1.92:1		
		Vertical Keystone Correction -40°/+40°		
		Digital Zoom 2x		
		• Audio		
		Number of Speakers 1		
		Speaker Output Power 10 W		
		Speaker Output Mode Mono		
		• Interfaces/Ports		
		Number of HDMI Ports 1		
		HDMI Yes		
		USB Yes		
		Composite Video Yes		
		S-Video Yes		
		• Power Description		
		Power Supply 100 V AC~240 V AC		
		Input Voltage 120 V AC		
		230 V AC		
		• Physical Characteristics		
		Fan Noise 29 dB Approximate Economy Mode		
		34 dB Approximate Standard Mode		
		Temperature 0°C to 40°C		
		Humidity 80% Maximum Relative Humidity		
19	Външен диск 2TB	Capacity 2TB	1	
		• USB 3.0 interface		
		• Power adapter		154,00 лв.
		• 3.5 inch		
20	2X4G DDR3 1600G CL9	DDR3 1600	3	200,00 лв.

Прогнозна сума без ДДС	53 695,00 лв.
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