

Cambridge International AS & A Level

INFORMATION TECHNOLOGY Paper 2 Practical MARK SCHEME Maximum Mark: 110 Published

This mark scheme is published as an aid to teachers and candidates, to indicate the requirements of the examination. It shows the basis on which Examiners were instructed to award marks. It does not indicate the details of the discussions that took place at an Examiners' meeting before marking began, which would have considered the acceptability of alternative answers.

Mark schemes should be read in conjunction with the question paper and the Principal Examiner Report for Teachers.

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This document consists of 13 printed pages.

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Generic Marking Principles

These general marking principles must be applied by all examiners when marking candidate answers. They should be applied alongside the specific content of the mark scheme or generic level descriptors for a question. Each question paper and mark scheme will also comply with these marking principles.

GENERIC MARKING PRINCIPLE 1:

Marks must be awarded in line with:

- the specific content of the mark scheme or the generic level descriptors for the question
- the specific skills defined in the mark scheme or in the generic level descriptors for the question
- the standard of response required by a candidate as exemplified by the standardisation scripts.

GENERIC MARKING PRINCIPLE 2:

Marks awarded are always whole marks (not half marks, or other fractions).

GENERIC MARKING PRINCIPLE 3:

Marks must be awarded **positively**:

- marks are awarded for correct/valid answers, as defined in the mark scheme. However, credit
 is given for valid answers which go beyond the scope of the syllabus and mark scheme,
 referring to your Team Leader as appropriate
- marks are awarded when candidates clearly demonstrate what they know and can do
- marks are not deducted for errors
- marks are not deducted for omissions
- answers should only be judged on the quality of spelling, punctuation and grammar when these features are specifically assessed by the question as indicated by the mark scheme. The meaning, however, should be unambiguous.

GENERIC MARKING PRINCIPLE 4:

Rules must be applied consistently e.g. in situations where candidates have not followed instructions or in the application of generic level descriptors.

GENERIC MARKING PRINCIPLE 5:

Marks should be awarded using the full range of marks defined in the mark scheme for the question (however; the use of the full mark range may be limited according to the quality of the candidate responses seen).

GENERIC MARKING PRINCIPLE 6:

Marks awarded are based solely on the requirements as defined in the mark scheme. Marks should not be awarded with grade thresholds or grade descriptors in mind.

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Q1. Prepared data file (combined data)

AME and Intem files combined	1 mark
Saved as a single spreadsheet with correct filename M20PROC_ZZ999_9999	1 mark
Top row as field names	1 mark
No extra blank rows	1 mark
Columns rearranged so data in correct columns	1 mark
75 Rows including header (no duplicated fieldnames)	1 mark

Q2. Data Dictionary

Motherboard table

Field	Data type	Field size	Other metadata – input mask, validation, default value etc.				
Manufacturer	Alphanumeric/Text						
Model	Alphanumeric/Text		Primary key				
Chipset	Alphanumeric/Text						
Socket	Alphanumeric/Text	4 chars					
Memory	Alphanumeric/Text						
Slots	Numeric		Integer	Validation >=0			
Price	Currency		2dp	Validation >=0			

Data dictionary	2 tables created for board and processor	1 mark
1	3rd link table added	1 mark
	Saved as M20_ZZ999_9999.rtf	1 mark
Motherboard table	Table name – appropriate e.g. Board, PCB	1 mark
	Appropriate fieldnames	1 mark
	Model as primary key	1 mark
	Socket data type text	1 mark
	Slots data type numeric	1 mark
	Slots data type restricted to integer	1 mark
	At least 1 appropriate validation routine	1 mark
	At least 1 appropriate field length	1 mark

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Data Dictionary continued:

Processor table

Field	Data type	Field size	Other metadata – input mask, validation, default value etc.		
Manufacturer	Alphanumeric/Text				
Model	Alphanumeric/Text		Primary key		
Speed_in_GHz	Numeric		Decimal 1dp	Validation >=0	
Socket	Alphanumeric/Text	4 chars			
Cores	Numeric		Integer	Validation >=0	
Threads	Numeric		Integer	Validation >=0	
Price	Currency		2dp	Validation >=0	

Processor table	Table name – appropriate e.g. Processor, chip Appropriate fieldnames	1 mark 1 mark
	Model as primary key	1 mark
\	No spaces in 'Speed' field name	1 mark
	Speed data type numeric	1 mark
	Speed data type decimal to 1dp	1 mark
	Socket data type Text	1 mark
	Cores and Threads – Numeric Integer	1 mark
	At least 1 appropriate validation routine	1 mark
	At least 1 appropriate field length	1 mark

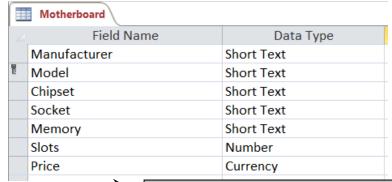
Link table

Field	Data type	Field size	Other metadata – input mask, validation default value etc.			
Socket	Alphanumeric/Text	4 chars	Primary key			

Link table	Table name – appropriate e.g. Socket, Link	1 mark
	Appropriate fieldname	1 mark
	Socket as primary key	1 mark
	Socket data type Text	1 mark
	Length restricted to 4 characters	1 mark

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Create database



Database structure

Motherboard table

Fields match dictionary

Data types match

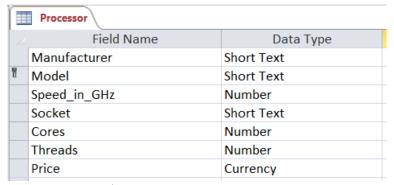
Primary key matches

892 records correctly imported *

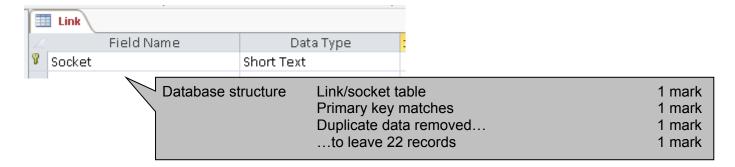
1 mark

1 mark

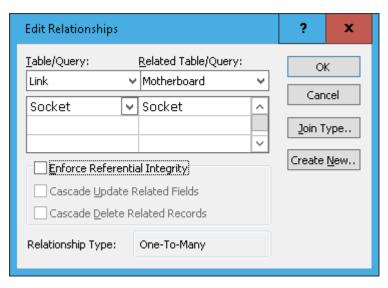
1 mark

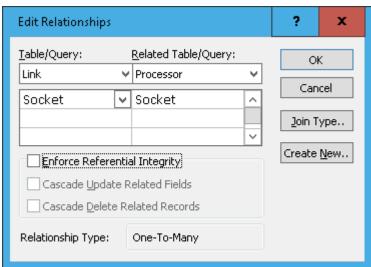


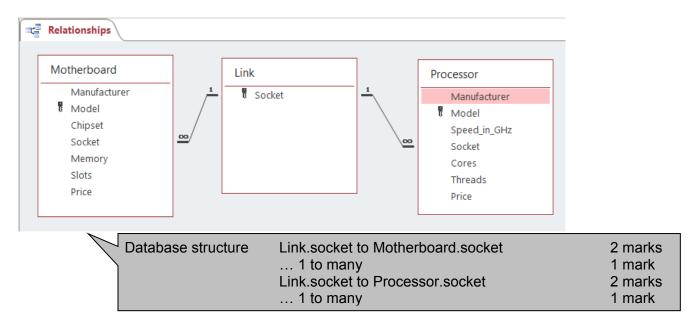
Database structure Processor table 1 mark
Fields match dictionary 1 mark
Data types match 1 mark
Primary key matches 1 mark
74 records correctly imported * 1 mark



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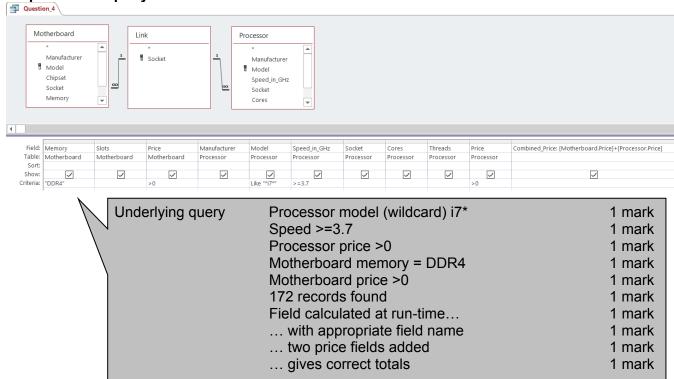






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Step 4: Create query



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Step 4: Create export Report

i7 processors with >=3.7GHz and motherboards with DDR4 RAM by A Candidate, ZZ999, 9999

,		.555,555						
Processor Model	Manufacturer	Speed in GHz Socket	Cores T	hreads	Processor Price			
i7-5930K	Intem	3.7 2011	6	12	£376.99	Э		
	Motherboard	Model	Chip	set	Memory	Slots	Motherboard	Combined
	Manufacture						Price	Price
	Asut	ROG Strix X99 Gamir	ng	Intem	DDR4		8 £269.99	£646.98
	Asut	X99-DELUXE		Intem	DDR4		8 £299.99	£676.98
	Asut	X99-A		Intem	DDR4		8 £252.99	£629.98
	Asut	X99-M WS		Intem	DDR4		4 £81.99	£458.98
	Asut	Rampage V Extreme		Intem	DDR4		8 £180.99	£557.98
	Asut	X99-A II		Intem	DDR4		8 £252.99	£629.98
	Asut	ROG RAMPAGE V ED	ITION 10	Intem	DDR4		8 £218.99	£595.98
	Asut	Sabertooth X99		Intem	DDR4		8 £178.99	£555.98
7-6700	Intem	4 2011	4	8	£342.50)		
	Motherboard	Model	Chip	set	Memory	Slots	Motherboard	Combined
	Manufacture						Price	Price
	Asut	Rampage V Extreme		Intem	DDR4		8 £180.99	£523.49
	Asut	X99-A II		Intem	DDR4		8 £252.99	£595.49
	Asut	X99-M WS		Intem	DDR4		4 £81.99	£424.49
	Asut	X99-DELUXE		Intem	DDR4		8 £299.99	£642.49
	Asut	ROG Strix X99 Gamir	ng	Intem	DDR4		8 £269.99	£612.49
	Asut	Sabertooth X99		Intem	DDR4		8 £178.99	£521.49
	Asut	X99-A		Intem	DDR4		8 £252.99	£595.49
	Asut	ROG RAMPAGE V ED	ITION 10	Intem	DDR4		8 £218.99	£561.49
7-6700K	Intem	4.2 1151	4	8	£311.99	9		
	Motherboard	Model	Chin	set	Memory	Slots	Motherboard	Combined
	Manufacture		011111			0.015	Price	
	Asut	TUF Z270 MARK2		Intem	DDR4		4 £131.97	£443.96
	Asut	Z170-K		Intem	DDR4		4 £189.99	£501.98
	Asut	Z170-PREMIUM		Intem	DDR4		4 £279.80	£591.79
	Asut	Prime Z270-P		Intem	DDR4		4 £108.63	£420.62
	Asut	Z170-E		Intem	DDR4		4 £118.98	£430.97
	Asut	ROG Strix Z270F Gan	ning	Intem	DDR4		4 £149.99	£461.98
	Asut	Prime Z270-AR		Intem	DDR4		4 £114.65	£426.64
	Asut	Sabertooth Z170 S		Intem	DDR4		4 £77.99	£389.98
	Asut	ROG STRIX Z270H GA	AMING	Intem	DDR4		4 £119.99	£431.98
	Asut	H170 Pro Gaming		Intem	DDR4		4 £118.98	£430.97
	Asut	Z170-A		Intem	DDR4		4 £96.99	£408.98
	Asut	H110M-K		Intem	DDR4		2 £57.44	£369.43
	Asut	TUF Z270 Mark 2		Intem	DDR4		4 £134.99	£446.98
	Asut	Strix Z270E Gaming		Intem	DDR4		4 £71.99	£383.98

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Processor Model	Manufacturer	Speed in GHz Socket C	ores Threa	ds Pro	ocessor Price			
	Asut	Maximus VIII Hero Alp	ha Int	tem	DDR4	4	£131.99	£443.98
	Asut	PRIME Z270-A	Int	tem	DDR4	4	£84.35	£396.34
	Asut	H110I-PLUS	Int	tem	DDR4	2	£62.99	£374.98
	Asut	Z170I Pro Gaming	Int	tem	DDR4	2	£84.35	£396.34
	Asut	B150M-A	Int	tem	DDR4	4	£169.38	£481.37
	Asut	Z170 PRO GAMING	Int	tem	DDR4	4	£296.73	£608.72
	Asut	Maximus VIII Gene	Int	tem	DDR4	4	£179.99	£491.98
	Asut	Maximus VIII Ranger	Int	tem	DDR4	4	£174.05	£486.04
	Asut	H110M-A-M.2	Int	tem	DDR4	2	£46.50	£358.49
	Asut	H110M-C	Int	tem	DDR4	2	£39.99	£351.98
	Asut	ROG STRIX B250H GAN	/ING Int	tem	DDR4	4	£103.22	£415.21
	Asut	Prime H270M-PLUS	Int	tem	DDR4	4	£187.95	£499.94
	Asut	SABERTOOTH Z170 MA	ARK 1 Int	tem	DDR4	4	£154.18	£466.17
	Asut	PRIME B250-PLUS	Int	tem	DDR4	4	£74.99	£386.98
	Asut	B150 Pro Gaming	Int	tem	DDR4	4	£88.98	£400.97
	Asut	B150 Pro Gaming Aura	ı İnt	tem	DDR4	4	£128.99	£440.98
	Asut	B150-PRO	Int	tem	DDR4	4	£100.89	£412.88
	Asut	z170 Sabertooth Mark	1 Int	tem	DDR4	4	£134.99	£446.98
	Asut	Maximus IX Code	Int	tem	DDR4	4	£251.27	£563.26
	Motherboard	d Model	Chipset	Mei	mory Si	ots Moti	herboard	Combined
	Manufacture	г					Price	Price
	MSJ	170A PC Mate	Int	tem	DDR4	4	£101.99	£413.98
	MSJ	170-A PRO	Int	tem	DDR4	4	£117.95	£429.94
	MSJ	170A GAMING M5	Int	tem	DDR4	4	£133.95	£445.94
	MSJ	270-A PRO	Int	tem	DDR4	4	£89.98	£401.97
	MSJ	170A KRAIT GAMING	Int	tem	DDR4	4	£119.99	£431.98
	MSJ	270 Gaming M5	Int	tem	DDR4	4	£97.98	£409.97
	MSJ	170A Gaming PRO	Int	tem	DDR4	4	£71.72	£383.71
	MSJ	270 SLI PLUS	Int	tem	DDR4	4	£113.99	£425.98
	MSJ	170A GAMING M3	Int	tem	DDR4	4	£132.96	£444.95
	MSJ	270 Gaming Pro	Int	tem	DDR4	4	£91.98	£403.97
	MSJ	110M ECO	Int	tem	DDR4	2	£38.98	£350.97
	MSJ	170A GAMING PRO	Int	tem	DDR4	4	£173.25	£485.24
	MSJ	250M PRO-VD	Int	tem	DDR4	2	£35.72	£347.71
	MSJ	110m	Int	tem	DDR4	4	£46.84	£358.83
	MSJ	150 NIGHT ELF	Int	tem	DDR4	4	£151.98	£463.97
	MSJ	H270 Tomahawk Artic	Int	tem	DDR4	4	£134.99	£446.98
	MSJ	150M Bazooka		tem	DDR4	4	£53.99	£365.98
	MSJ	250M Bazooka	Int	tem	DDR4	4	£80.99	£392.98
	MSJ	250M Mortar Arctic		tem	DDR4	4	£62.99	£374.98
	MSJ	150 PC MATE		tem	DDR4	4	£58.98	£370.97
i7-7700K	Intem	4.2 1151	4		317.80			

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Processor Model	Manufacturer	Speed in GHz Socket C	Cores Threads	Processor Pric			
	Motherboard Manufacture		Chipset	Memory	Slots M	otherboard Price	Combined Price
	Asut	H170 Pro Gaming	Inter	n DDR4	4	£118.98	£436.78
	Asut	Z170-E	Inter	n DDR4	4	£118.98	£436.78
	Asut	Maximus VIII Ranger	Inter	n DDR4	4	£174.05	£491.85
	Asut	z170 Sabertooth Mark	1 Inter	n DDR4	4	£134.99	£452.79
	Asut	B150-PRO	Inter	n DDR4	4	£100.89	£418.69
	Asut	B150 Pro Gaming Aura	a Inter	n DDR4	4	£128.99	£446.79
	Asut	B150 Pro Gaming	Inter	n DDR4	4	£88.98	£406.78
	Asut	PRIME B250-PLUS	Inter	n DDR4	4	£74.99	£392.79
	Asut	ROG STRIX Z270H GAN	/ING Inter	n DDR4	4	£119.99	£437.79
	Asut	Z170 PRO GAMING	Inter	n DDR4	4	£296.73	£614.53
	Asut	H110M-A-M.2	Inter	n DDR4	2	£46.50	£364.30
	Asut	TUF Z270 MARK2	Inter	n DDR4	4	£131.97	£449.77
	Asut	Sabertooth Z170 S	Inter	n DDR4	4	£77.99	£395.79
	Asut	Prime Z270-AR	Inter	n DDR4	4	£114.65	£432.45
	Asut	TUF Z270 Mark 2	Inter	n DDR4	4	£134.99	£452.79
	Asut	SABERTOOTH Z170 MA	ARK 1 Inter	n DDR4	4	£154.18	£471.98
	Asut	H110I-PLUS	Inter	n DDR4	2	£62.99	£380.79
	Asut	ROG Strix Z270F Gami	ng Inter	n DDR4	4	£149.99	£467.79
	Asut	ROG STRIX B250H GAN	MING Inter	n DDR4	4	£103.22	£421.02
	Asut	H110M-C	Inter	n DDR4	2	£39.99	£357.79
	Asut	H110M-K	Inter	n DDR4	2	£57.44	£375.24
	Asut	Prime H270M-PLUS	Inter	n DDR4	4	£187.95	£505.75
	Asut	Maximus VIII Gene	Inter	n DDR4	4	£179.99	£497.79
	Asut	Z170I Pro Gaming	Inter	n DDR4	2	£84.35	£402.15
	Asut	Maximus IX Code	Inter	n DDR4	4	£251.27	£569.07
	Asut	PRIME Z270-A	Inter	n DDR4	4	£84.35	£402.15
	Asut	Maximus VIII Hero Alp	ha Inter	n DDR4	4	£131.99	£449.79
	Asut	Strix Z270E Gaming	Inter	n DDR4	4	£71.99	£389.79
	Asut	Z170-A	Inter	n DDR4	4	£96.99	£414.79
	Asut	Z170-K	Inter	n DDR4	4	£189.99	£507.79
	Asut	Z170-PREMIUM	Inter	n DDR4	4	£279.80	£597.60
	Asut	Prime Z270-P	Inter	n DDR4	4	£108.63	£426.43
	Asut	B150M-A	Inter	n DDR4	4	£169.38	£487.18
	Motherboard Manufacture		Chipset	Memory	Slots M	otherboard Price	Combined Price
	MSJ	150 NIGHT ELF	Inter			£151.98	£469.78
	MSJ	270 Gaming Pro	Inter		4	£91.98	£409.78
	MSJ	250M PRO-VD	Inter			£35.72	£353.52
	MSJ	270 SLI PLUS	Inter			£113.99	£431.79
	MSJ	270 Gaming M5	Inter			£97.98	£415.78
	MSJ	170A KRAIT GAMING	Inter	n DDR4	4	£119.99	£437.79

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Processor Model	Manufacturer	Speed in GHz Socket Cor	res Thr	eads	Processor Price				
	MSJ	170A GAMING PRO		Intem	DDR4		4	£173.25	£491.05
	MSJ	170A GAMING M5		Intem	DDR4		4	£133.95	£451.75
	MSJ	170A GAMING M3		Intem	DDR4		4	£132.96	£450.76
	MSJ	170-A PRO		Intem	DDR4		4	£117.95	£435.75
	MSJ	110M ECO		Intem	DDR4		2	£38.98	£356.78
	MSJ	270-A PRO		Intem	DDR4		4	£89.98	£407.78
	MSJ	170A PC Mate		Intem	DDR4		4	£101.99	£419.79
	MSJ	H270 Tomahawk Artic		Intem	DDR4		4	£134.99	£452.79
	MSJ	150 PC MATE		Intem	DDR4		4	£58.98	£376.78
	MSJ	150M Bazooka		Intem	DDR4		4	£53.99	£371.79
	MSJ	250M Bazooka		Intem	DDR4		4	£80.99	£398.79
	MSJ	250M Mortar Arctic		Intem	DDR4		4	£62.99	£380.79
	MSJ	110m		Intem	DDR4		4	£46.84	£364.64
	MSJ	170A Gaming PRO		Intem	DDR4		4	£71.72	£389.52
i7-8700K	Intem	3.7 1151	6	12	£389.99				
	Motherboard		Chipse		Nemory	Slote	M	otherboard	Combined
	Manufacture		Chipse		viemory	31013	IVI	Price	Price
	Asut	Sabertooth Z170 S		Intem	DDR4		4	£77.99	£467.98
	Asut	PRIME B250-PLUS		Intem	DDR4		4	£74.99	£464.98
	Asut	z170 Sabertooth Mark 1		Intem	DDR4		4	£134.99	£524.98
	Asut	B150-PRO		Intem	DDR4		4	£100.89	£490.88
	Asut	B150 Pro Gaming Aura		Intem	DDR4		4	£128.99	£518.98
	Asut	B150 Pro Gaming		Intem	DDR4		4	£88.98	£478.97
	Asut	Maximus VIII Ranger		Intem	DDR4		4	£174.05	£564.04
	Asut	SABERTOOTH Z170 MAR	RK 1	Intem	DDR4		4	£154.18	£544.17
	Asut	Z170 PRO GAMING		Intem	DDR4		4	£296.73	£686.72
	Asut	H170 Pro Gaming		Intem	DDR4		4	£118.98	£508.97
	Asut	TUF Z270 MARK2		Intem	DDR4		4	£131.97	£521.96
	Asut	TUF Z270 Mark 2		Intem	DDR4		4	£134.99	£524.98
	Asut	Prime Z270-AR		Intem	DDR4		4	£114.65	£504.64
	Asut	Z170-E		Intem	DDR4		4	£118.98	£508.97
	Asut	Z170l Pro Gaming		Intem	DDR4		2	£84.35	£474.34
	Asut	ROG STRIX Z270H GAMIN	NG	Intem	DDR4		4	£119.99	£509.98
	Asut	ROG Strix Z270F Gaming		Intem	DDR4		4	£149.99	£539.98
	Asut	H110M-C		Intem	DDR4		2	£39.99	£429.98
	Asut	H110M-A-M.2		Intem	DDR4		2	£46.50	£436.49
	Asut	H110M-K		Intem	DDR4		2	£57.44	£447.43
	Asut	Maximus VIII Gene		Intem	DDR4		4	£179.99	£569.98
	Asut	Prime H270M-PLUS		Intem	DDR4		4	£187.95	£577.94
	Asut	B150M-A		Intem	DDR4		4	£169.38	£559.37
	Asut	PRIME Z270-A		Intem	DDR4		4	£84.35	£474.34
	Asut	H110I-PLUS		Intem	DDR4		2	£62.99	£452.98
	Asut	ROG STRIX B250H GAMII	NG	Intem	DDR4		4	£103.22	£493.21

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Processor Model	Manufacturer S	peed in GHz Socket (Cores Threads	Processor Pric			
	Asut	Maximus VIII Hero Alp	ha Inter	n DDR4	4	£131.99	£521.98
	Asut	Strix Z270E Gaming	Inter	n DDR4	4	£71.99	£461.98
	Asut	Z170-A	Inter	n DDR4	4	£96.99	£486.98
	Asut	Z170-K	Inter	n DDR4	4	£189.99	£579.98
	Asut	Z170-PREMIUM	Inter	n DDR4	4	£279.80	£669.79
	Asut	Prime Z270-P	Inter	n DDR4	4	£108.63	£498.62
	Asut	Maximus IX Code	Inter	n DDR4	4	£251.27	£641.26
	Motherboard Manufacturer	Model	Chipset	Memory	Slots M	otherboard Price	Combined Price
	MSJ	H270 Tomahawk Artic	Inter	n DDR4	4	£134.99	£524.98
	MSJ	170A PC Mate	Inter	n DDR4	4	£101.99	£491.98
	MSJ	270-A PRO	Inter	n DDR4	4	£89.98	£479.97
	MSJ	270 SLI PLUS	Inter	n DDR4	4	£113.99	£503.98
	MSJ	270 Gaming Pro	Inter	n DDR4	4	£91.98	£481.97
	MSJ	270 Gaming M5	Inter	n DDR4	4	£97.98	£487.97
	MSJ	170A KRAIT GAMING	Inter	n DDR4	4	£119.99	£509.98
	MSJ	170A GAMING PRO	Inter	n DDR4	4	£173.25	£563.24
	MSJ	170A GAMING M5	Inter	n DDR4	4	£133.95	£523.94
	MSJ	110M ECO	Inter	n DDR4	2	£38.98	£428.97
	MSJ	170-A PRO	Inter	n DDR4	4	£117.95	£507.94
	MSJ	250M PRO-VD	Inter	n DDR4	2	£35.72	£425.71
	MSJ	170A Gaming PRO	Inter	n DDR4	4	£71.72	£461.71
	MSJ	110m	Inter	n DDR4	4	£46.84	£436.83
	MSJ	250M Mortar Arctic	Inter	n DDR4	4	£62.99	£452.98
	MSJ	250M Bazooka	Inter	n DDR4	4	£80.99	£470.98
	MSJ	150M Bazooka	Inter	n DDR4	4	£53.99	£443.98
	MSJ	150 PC MATE	Inter	n DDR4	4	£58.98	£448.97
	MSJ	150 NIGHT ELF	Inter	n DDR4	4	£151.98	£541.97
	MSJ	170A GAMING M3	Inter	n DDR4	4	£132.96	£522.95

	Step 4 Report	Grouped by processor model	1 mark
		then by motherboard manufacturer	1 mark
\		All processor details with headings in group header	1 mark
		Motherboard details with headings in detail row	1 mark
		No other fields present in detail row	1 mark
'	Calculated field	Combined price in detail row	1 mark
		emboldened	1 mark
		with appropriate heading	1 mark
		Report sits on a single portrait page wide and fully visible	1 mark
		Appropriate font size for all text	1 mark
		Appropriate title	1 mark
		Title includes candidate details	1 mark
		Exported as FASTi7_ZZ999_9999.pdf	1 mark

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Video file TGC2_

1 mark
1 mark
1 mark
1 mark
1 mark

Image file TGC3_

Image TOO2	
Image TGC3	
Still image extracted from first frame	1 mark
saved as TGC3 in suitable file format	1 mark

Video file TGC4_

0 seconds:	Title background set to TGC3	1 mark				
	Name of company Tawara Gaming Computers placed	1 mark				
	Top left of screen with no transition	1 mark				
	Appropriate colour selection and clearly visible	1 mark				
3 seconds:		1 mark				
	Title and bg retained with no adjustment/movement	1 mark				
	An introduction to your gaming desktop below title	1 mark				
	Set as an appropriate subtitle	1 mark				
6 seconds:		1 mark				
	Title, subtitle and bg with no adjustment/movement	1 mark				
	Add the text How to access the components	1 mark				
	Appropriate style for text	1 mark				
9 seconds:		1 mark				
	Clip placed as specified (after all text)	1 mark				
	Smooth transition into video file	1 mark				
	between 9 and 11 secs	1 mark				
	Audio clip 20-Voice.mp3 starts	1 mark				
29 seconds:		1 mark				
	Black background for credits	1 mark				
	Credits scroll up the screen	1 mark				
	Credits include:					
	Edited by: Candidate details in appropriate format	1 mark				
	Filmed by: GBRvideo	1 mark				
	Audio by: KMBaudio	1 mark				
	Appropriate blank line/s as spacing between credits	1 mark				
	Appropriate length for credits	1 mark				
All text is an	All text is an easily read font with good contrast					
All text in a consistent sans-serif font with credits of appropriate size						
Movie exported / saved as TGC4_ZZ999_9999.mp4 format						

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