

Specification

Lemvigh-Müller A/S

Offer/Quotation (QUOTES)

1 Document information

1.1 Purpose of document

This document describes how Sales Quotations (QUOTES) from Lemvigh-Müller A/S is generated. It is based on the Danish EDIFACT Guideline EANCOM/HANCOM version 97 to create a common basis electronic exchange of data (EDI) between Lemvigh-Müller A/S and customers.

A Offer/Quotation (QUOTES) is usually a reply to a Request for Quote (REQOTE) message.

If in doubt, please contact Lemvigh-Müller A/S. Main contacts:

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1.2 Document history

Version no.	Date	Description	Initials
1.0	2014.05.15	Created	NGR/BIZbrains
1.1	2016.02.11	Changed LM – GLN number GLN number 5790002195853 → Test system GLN number 5790000428403 → Operating system	HESV

1.3 Message diagram

Structure of the Quotation (QUOTES) message.

Segment order, **M**andatory or **C**onditional, and number of occurrences.

Level 1	Level 2	Level 3	Level 4	Level 5	M/C	Occurs	Description
UNA					C	1	Service string advis
UNB					M	1	Interchange Header
	UNH				M	999999	Message Header
		BGM			M	1	Beginning of message
		DTM			M	1	Date/time/period
		FTX			C	1	Free text
		RFF			C	1	Reference
		CUX			C	1	Currency
		NAD			M	3	Name and address
			CTA		C	1	Contact information
			COM		C	1	Communication Contact
		LIN			M	999999	Line item
			PIA		C	2	Additional product id
			IMD		C	1	Item description
			QTY		C	1	Quantity
			DTM		C	1	Date/time/period
			PRI		C	2	Price details
			RFF		C	1	Reference
			TAX		C	1	Duty/Tax/Fee details
				MOA	M	1	Monetary amount
			ALC		C	99	Allowance or Charge
				PCD	C	1	Percentage details
				MOA	M	1	Monetary amount
		UNS			M	1	Section control
		MOA			C	4	Monetary amount)
		CNT			M	1	Control totals
		ALC			C	99	Allowance or Charge
			MOA		M	1	Monetary amount
		UNT			M	1	Message Trailer
UNZ					M	1	Interchange Trailer

2 Quotation (QUOTES) message

This section describes each segment used in the QUOTES message.

2.1 UNA - Service string advis

The UNA segment is optional in an EDIFACT interchange.

The specifications in the UNA segment define the characters used as separators and indicators for the interchange. Use this segment only if the interchange contains non-standard separator characters.

Number	Text		Description
	Component data element separator	M an..1	Constant = : (colon)
	Data element separator	M an..1	Constant = + (plus sign)
	Decimal notation	M an..1	Constant = , (comma) or . (period)
	Release indicator	M an..1	Constant = ? (question mark)
	Reserved	M an..1	Blank / Space
	Segment terminator	M an..1	Constant = ` (apostrophe)

Example:
UNA:+. ? `

2.2 UNB - Interchange header (envelope)

This segment acts as the interchange header for a set of EDIFACT documents.

The UNB segment elements identify the sender and recipient of the interchange, together with the date and time that the interchange was prepared and the agency controlling the syntax of the interchange.

Number	Text		Description
S001	Syntax identifier	M	
0001	Syntax identifier	M a..4	UNOC = UN / ECE level C (as defined in ISO 8859-1)
0002	Syntax version number	M n..1	Syntax version number 3 (refer to use of all valid codes in DE 0001)
S002	Interchange sender	M	
0004	Sender identification	M an..35	5790002195853 or 5790000428403
0007	Partner identification code qualifier	C an..4	14 = EAN number
0008	Address for reverse routing	C an..14	Not used
S003	Interchange recipient	M	
0010	Recipient identification	M an..35	Recipient EAN13 location number
0007	Partner identification code qualifier	C an..4	14 = EAN number ZZZ = Mutually defined
0014	Routing address	C an..14	Not used
S004	Date/time of preparation	M	
0017	Date	M n..6	YYMMDD
0019	Time	M n..4	HHMM
0020	Interchange control reference	M an..14	Unique reference assigned by sender
S005	Recipient's reference password	C	
0022	Recipient's reference / password	M an..14	Not used
0025	Recipient's reference / password qualifier	C an..2	Not used
0026	Application reference		Not used
0029	Processing priority code		Not used
0031	Acknowledgement request		Not used
0032	Communications agreement		Not used
0035	Test indicator		1 = test, blank = production.

Example:
UNB+UNOC:3+5790002195853:14+1234567890123:14+140429:0910+168610'

Note:

Lemvigh-Müller A/S do not use test indicators on in-/outgoing messages without prior agreement with other party.

2.3 UNH - Message header

The UNH segment elements provide information about the message type, and the agency responsible for maintaining the publication of the message type.

This segment indicates the start of a document in an interchange and the type of document that follows.

Number	Text		Description
0062	MESSAGE REFERENCE NUMBER	M an..14	Sender's unique message reference. Sequence number of the message in the interchange.
S009	MESSAGE IDENTIFIER	M	
0065	Message type	M an..6	QUOTES = Quotation message
0052	Message version number	M an..3	D = Draft directory
0054	Message release number	M an..3	96A = Version 96 A
0051	Controlling agency	M an..2	UN = UN/ECE/TRADE/WP.4, United Nations Standard Messages (UNSM)
0057	Association assigned code	C an..6	EAN002
0068	COMMON ACCESS REFERENCE	C an..35	Not used
S010	STATUS OF THE TRANSFER	C	
0070	Sequence of transfers	M n..2	Not used
0073	First and last transfer		Not used

Example:

UNH+168610+QUOTES:D:96A:UN:EAN002'

2.4 BGM - Beginning of message

To indicate the type and function of a message and to transmit the identifying number.			
Number	Text		Description
C002	DOCUMENT/MESSAGE NAME	C	
1001	Document/message name, coded	C an..3	310 = Offer/Quotation
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	Not used
1000	Document/message name	C an..35	Not used
1004	DOCUMENT/MESSAGE NUMBER	C an..35	Order number assigned by document sender.
1225	MESSAGE FUNCTION, CODED	C an..3	7 = Duplicate
4343	RESPONSE TYPE, CODED	C an..3	Not used
Example: BGM+310+300357367+7 '			

2.5 DTM - Date/time/period

To specify date, and/or time, or period.			
Number	Text		Description
C507	DATE/TIME/PERIOD	M	
2005	Date/time/period qualifier	M an..3	137 – Document date
2380	Date/time/period	C an..35	Date
2379	Date/time/period format qualifier	C an..3	102=CCYYMMDD
Example: DTM+137:20140429:102 '			

2.6 FTX - Free text

To provide free form or coded text information.			
Number	Text		Description
4451	TEXT SUBJECT QUALIFIER	M an..3	ZZZ - Mutually defined
4453	TEXT FUNCTION, CODED	C an..3	1 - Text for subsequent use
C107	TEXT REFERENCE	C	
4441	Free text, coded	M an..3	Not used
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	Not used
C108	TEXT LITERAL	C	
4440	Free text	M an..70	Text information
4440	Free text	C an..70	Text information
4440	Free text	C an..70	Text information
4440	Free text	C an..70	Text information
4440	Free text	C an..70	Text information
3453	LANGUAGE, CODED	C an..3	Not used
Example: FTX+ZZZ+1++Text Information'			

2.7 RFF - Reference

To specify a reference			
Number	Text		Description
C506	REFERENCE	M	
1153	Reference qualifier	M an..3	CR – Customer Reference
1154	Reference number	C an..35	Reference number
1156	Line number	C an..6	Not used
4000	Reference version number	C an..35	Not used
Example: RFF+CR:27577'			

2.8 CUX - Currencies

To specify currencies used in the transaction and relevant details for the rate of exchange.			
Number	Text		Description
C504	CURRENCY DETAILS	C	
6347	Currency details qualifier	M an..3	2 = Reference currency
6345	Currency, coded	C an..3	ISO 4217 Code
6343	Currency qualifier	C an..3	12 = Quotation currency
6348	Currency rate base	C n..4	Not used
C504	CURRENCY DETAILS	C	
6347	Currency details qualifier	M an..3	Not used
6345	Currency, coded	C an..3	Not used
6343	Currency qualifier	C an..3	Not used
6348	Currency rate base	C n..4	Not used
5402	RATE OF EXCHANGE	C n..12	Not used
6341	CURRENCY MARKET EXCHANGE, CODED	C an..3	Not used
Example: CUX+2:DKK:12'			

2.9 NAD - Name and address

To specify the name and address and their related functions.			
Number	Text		Description
3035	PARTY QUALIFIER	M an..3	BY = Buyer DP = Delivery party SU = Supplier
C082	PARTY IDENTIFICATION DETAILS	C	
3039	Party id. identification	M an..35	BY: Lemvigh-Müller A/S EAN number DP: Delivery address SU: Seller/Vendor EAN number
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	9 = EAN number
C058	NAME AND ADDRESS	C	
3124	Name and address line	M an..35	Not used
3124	Name and address line	C an..35	Not used
3124	Name and address line	C an..35	Not used
3124	Name and address line	C an..35	Not used
3124	Name and address line	C an..35	Not used
C080	PARTY NAME	C	
3036	Party name	M an..35	Company name - line 1
3036	Party name	C an..35	Company name - line 2
3036	Party name	C an..35	Company name - line 3
3036	Party name	C an..35	Company name - line 4
3036	Party name	C an..35	Company name - line 5
3045	Party name format, coded	C an..3	Not used
C059	STREET	C	
3042	Street and number/p.o. box	M an..35	Street and number - Line 1
3042	Street and number/p.o. box	C an..35	Street and number - Line 2
3042	Street and number/p.o. box	C an..35	Not used
3042	Street and number/p.o. box	C an..35	Not used
3164	CITY NAME	C an..35	City name
3229	COUNTRY SUB-ENTITY IDENTIFICATION	C an..9	Not used
3251	POSTCODE IDENTIFICATION	C an..9	Zipcode
3207	COUNTRY, CODED	C an..3	Country code
Example: NAD+BY+1234567890123::9++BIZbrains A/S+Havneparken 14b, 3.sal+Vejde++7100+DK' NAD+SU+5790002195853::9++Lemvigh-Müller A/S+Stationsalléen+Herlev++2730+DK'			

2.10 CTA - Contact information

To identify a person or a department to whom communication should be directed.			
Number	Text		Description
3139	CONTACT FUNCTION, CODED	C an..3	OC - Order contact (Supplier)
C056	DEPARTMENT OR EMPLOYEE DETAILS	C	
3413	Department or employee identification	C an..17	Not used
3412	Department or employee	C an..35	Contact name
Example: CTA+OC+:Jens Jensen'			

2.11 COM – Communication Contact

To identify a communication number of a department or a person to whom communication should be directed.			
Number	Text		Description
C076	COMMUNICATION CONTACT	M	
3148	Communication number	M an..512	Contact number
3155	Communication channel qualifier	M an..3	TE = Telephone
Example: COM+70999999:TE '			

2.12 LIN - Line item

To identify a line item and configuration			
Number	Text		Description
1082	LINE ITEM NUMBER	C n..6	Line number (sequential number)
1229	ACTION REQUEST/NOTIFICATION, CODED	C an..3	Not used
C212	ITEM NUMBER IDENTIFICATION	C	
7140	Item number	C an..35	EAN number if provided
7143	Item number type, coded	C an..3	EN – International Article Numbering Association
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	Not used
C829	SUB-LINE INFORMATION	C	
5495	Sub-line indicator, coded	C an..3	Not used
1082	Line item number	C n..6	Not used
1222	CONFIGURATION LEVEL	C n..2	Not used
7083	CONFIGURATION, CODED	C an..3	Not used
Example: LIN+1++5709057281152:EN::9'			

2.13 PIA - Additional product id

To specify additional or substitutrial item identification codes.			
Number	Text		Description
4347	PRODUCT ID. FUNCTION QUALIFIER	M an..3	1 - Additional identification
C212	ITEM NUMBER IDENTIFICATION	M	
7140	Item number	C an..35	Productnumber
7143	Item number type, coded	C an..3	IN - Buyer's item number SA - Supplier's article number
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	91 - Assigned by seller or seller's agent (SA) 92 - Assigned by buyer or buyer's agent (IN)
C212	ITEM NUMBER IDENTIFICATION	M	
7140	Item number	C an..35	Not used
7143	Item number type, coded	C an..3	Not used
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	Not used
C212	ITEM NUMBER IDENTIFICATION	M	
7140	Item number	C an..35	Not used
7143	Item number type, coded	C an..3	Not used
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	Not used
C212	ITEM NUMBER IDENTIFICATION	M	
7140	Item number	C an..35	Not used
7143	Item number type, coded	C an..3	Not used
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	Not used
C212	ITEM NUMBER IDENTIFICATION	M	
7140	Item number	C an..35	Not used
7143	Item number type, coded	C an..3	Not used
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	Not used
Example:			
PIA+1+4009071000:SA::91'			
PIA+1+303840:IN::92'			

2.14 IMD - Item description

To describe an item in either an industry or free format.			
Number	Text		Description
7077	ITEM DESCRIPTION TYPE, CODED	C an..3	C – Code (from industry code list)
7081	ITEM CHARACTERISTIC, CODED	C an..3	Not used
C273	ITEM DESCRIPTION	C	
7009	Item description identification	C an..17	TU
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	9 - EAN
7008	Item description	C an..35	Not used
7008	Item description	C an..35	Not used
3453	Language, coded	C an..3	Not used
7383	SURFACE/LAYER INDICATOR, CODED	C an..3	Not used
Example: IMD+C++TU::9:BB BOR 10.0MM HSS SLEBNE ØKO '			

2.15 QTY - Quantity

To specify the number of products, identified in LIN segment, that are offered/quoted.			
Number	Text		Description
C186	QUANTITY DETAILS	M	
6063	Quantity qualifier	M an..3	53 – Minimum order quantity
6060	Quantity	M n..15	Quantity
6411	Measure unit qualifier	C an..3	Unit of measure Common code from UN/CEFACT Recommendation 20
Example: QTY+53:5:PCE '			

2.16 DTM - Date/time/period

To specify date, and/or time, or period.			
Number	Text		Description
C507	DATE/TIME/PERIOD	M	
2005	Date/time/period qualifier	M an..3	2 - Delivery date (expected)
2380	Date/time/period	C an..35	Date
2379	Date/time/period format qualifier	C an..3	102=CCYYMMDD
Example: DTM+2:20140502:102 '			

2.17 PRI – Price details

To specify price information.			
Number	Text		Description
C509	PRICE INFORMATION	C	
5125	Price qualifier	M an..3	AAA = Calculation net AAB = Calculation gross
5118	Price	C n..15	Amount
5375	Price type, coded	C an..3	CT - Contract
5387	Price type qualifier	C an..3	DPR – Discount price GRP – Gross unit price
5284	Unit price basis	C n..9	Not used
6411	Measure unit qualifier	C an..3	Not used
Example: PRI+AAA:2.17:CT:DPR '			

2.18 RFF - Reference

To specify a reference			
Number	Text		Description
C506	REFERENCE	M	
1153	Reference qualifier	M an..3	LI - Line item reference number
1154	Reference number	C an..35	Not used
1156	Line number	C an..6	Buyer line number
4000	Reference version number	C an..35	Not used
Example: RFF+LI::1'			

2.19 TAX - Duty/Tax/Fee details

To specify relevant duty/tax/fee information.			
Number	Text		Description
5283	DUTY/TAX/FEE FUNCTION QUALIFIER	M an..3	7 = Tax
C241	DUTY/TAX/FEE TYPE	C	
5153	Duty/tax/fee type, coded	C an..3	EXC = Excise duty ENV = Environmental tax
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	Not used
5152	Duty/tax/fee type	C an..35	Not used
C533	DUTY/TAX/FEE ACCOUNT DETAIL	C	
5289	Duty/tax/fee account identification	M an..6	Not used
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	Not used
5286	DUTY/TAX/FEE ASSESSMENT BASIS	C an..15	Not used
C243	DUTY/TAX/FEE DETAIL	C	
5279	Duty/tax/fee rate identification	C an..7	Not used
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	Not used
5278	Duty/tax/fee rate	C an..17	Not used
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	Not used
5305	DUTY/TAX/FEE CATEGORY, CODED	C an..3	Not used
3446	PARTY TAX IDENTIFICATION NUMBER	C an..20	Not used
Example: TAX+7+EXC'			

2.20 MOA - Monetary amount

To specify a monetary amount.			
Number	Text		Description
C516	MONETARY AMOUNT	M	
2025	Monetary amount type qualifier	M an..3	124 = Tax amount
5004	Monetary amount	C n..18	Amount
6345	Currency, coded	C an..3	Not used
6343	Currency qualifier	C an..3	Not used
4405	Status, coded	C an..3	Not used
Example:			
MOA+124:16.50'			

2.21 ALC - Allowance or Charge

To specify a reference.			
Number	Text		Description
5463	ALLOWANCE OR CHARGE QUALIFIER	M an..3	A = Allowance C = Charge
C552	ALLOWANCE/CHARGE INFORMATION	C	
1230	Allowance or charge number	C an..35	Not used
5189	Charge/allowance description, coded	C an..3	Not used
4471	SETTLEMENT, CODED	C an..3	Not used
1227	CALCULATION SEQUENCE INDICATOR, CODED	C an..3	Not used
C214	SPECIAL SERVICES IDENTIFICATION	C	
7161	Special services, coded	C an..3	ASS = Discount (A) QD = Quantity discount (A) EAA = Early buy allowance (A) PAE = Promotional discount (A) RAA = Rebate (A) ADO = Efficient logistics (A) FC = Freight charge (C) PC = Packing (C) HD = Handling (C)
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	Not used
7160	Special service	C an..35	Not used
7160	Special service	C an..35	Not used
Example: ALC+A++++ASS '			

2.22 PCD – Percentage details

To specify price information.			
Number	Text		Description
C510	PERCENTAGE DETAILS	M	
5245	Percentage qualifier	M an..3	1 = Allowance
5482	Percentage	C n..10	Percentage
5249	Percentage basis, coded	C an..3	1 = Per unit
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	Not used
Example: PCD+1:60:1'			

Note: At the moment, this segment is not used, because it can not be calculated accurately!

2.23 MOA - Monetary amount

To specify a monetary amount.			
Number	Text		Description
C516	MONETARY AMOUNT	M	
2025	Monetary amount type qualifier	M an..3	204 = Allowance/Charge amount
5004	Monetary amount	C n..18	Amount
6345	Currency, coded	C an..3	Not used
6343	Currency qualifier	C an..3	Not used
4405	Status, coded	C an..3	Not used
Example: MOA+204:78.22'			

2.24 UNS - Section control

To separate Header, Detail and Summary sections of a message			
Number	Text		Description
0081	SECTION IDENTIFICATION	M a1	S – separate
Example: UNS+S'			

2.25 MOA - Monetary amount

To specify a monetary amount.			
Number	Text		Description
C516	MONETARY AMOUNT	M	
2025	Monetary amount type qualifier	M an..3	79 = Total line items amount 86 = Message total monetary amount 125 = Taxable amount 176 = Message total duty/tax/fee amount
5004	Monetary amount	C n..18	Amount
6345	Currency, coded	C an..3	Not used
6343	Currency qualifier	C an..3	Not used
4405	Status, coded	C an..3	Not used
Example: MOA+125:10.85' MOA+176:2.71' MOA+86:13.56'			

2.26 CNT – Control total

To separate Header, Detail and Summary sections of a message			
Number	Text		Description
C270	CONTROL	M	
6069	Control qualifier	M an..3	2 = Number of line items in message
6066	Control value	M n..18	Control value
6411	Measure unit qualifier	C an..3	Not used
Example: CNT+2:1'			

2.27 ALC - Allowance or Charge

To specify a reference.			
Number	Text		Description
5463	ALLOWANCE OR CHARGE QUALIFIER	M an..3	A = Allowance C = Charge
C552	ALLOWANCE/CHARGE INFORMATION	C	
1230	Allowance or charge number	C an..35	Not used
5189	Charge/allowance description, coded	C an..3	Not used
4471	SETTLEMENT, CODED	C an..3	Not used
1227	CALCULATION SEQUENCE INDICATOR, CODED	C an..3	Not used
C214	SPECIAL SERVICES IDENTIFICATION	C	
7161	Special services, coded	C an..3	ASS = Discount (A) QD = Quantity discount (A) EAA = Early buy allowance (A) PAE = Promotional discount (A) RAA = Rebate (A) ADO = Efficient logistics (A) Not used (C)
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	Not used
7160	Special service	C an..35	Not used
7160	Special service	C an..35	Not used
Example: ALC+A++++ASS'			

2.28 MOA - Monetary amount

To specify a monetary amount.			
Number	Text		Description
C516	MONETARY AMOUNT	M	
2025	Monetary amount type qualifier	M an..3	204 = Charge/Allowance amount
5004	Monetary amount	C n..18	Amount
6345	Currency, coded	C an..3	Not used
6343	Currency qualifier	C an..3	Not used
4405	Status, coded	C an..3	Not used
Example: MOA+204:250.00'			

2.29 UNT - Message trailer

The UNT segment elements provide information about the number of segments in a message and the reference number for the message.

This segment indicates the end of a document/quotation.

Number	Text		Description
0074	NUMBER OF SEGMENTS IN THE MESSAGE	M n..6	The total number of segments in the message.
0062	MESSAGE REFERENCE NUMBER	M an..14	A unique reference number for the message assigned by the sender. This number must match the Message Reference Number (0062) in the UNH Segment.

Example:
UNT+24+168610'

2.30 UNZ - Interchange trailer

To end the interchange.

Number	Text		Description
0036	Interchange control count	M n..6	The count of the number of messages.
0020	Interchange control reference	M an..14	Must be identical to the Interchange control reference (0020) in the UNB segment.

Example:
UNZ+1+168610'

3 Example

This section gives an example of an Quotation message:

```
UNA:+.? '
UNB+UNOC:3+5790002195853:14+1234567890123:14+140429:0910+168610'
UNH+168610+QUOTES:D:96A:UN:EAN002'
BGM+310+300357367+7'
DTM+137:20140429:102'
RFF+CR:27577'
CUX+2:DKK:12'
NAD+BY+1234567890123::9++BIZbrains A/S+Havneparken 14b, 3.sal+Vejle++7100+DK'
CTA+OC+:PSP'
NAD+DP+++BIZbrains A/S:Sjællandsafd+Skomagergade 20, 2. sal+Roskilde++4400+DK'
NAD+SU+5790002195853::9++Lemvigh-Müller A/S+Stationsalléen+Herlev+++DK'
CTA+OC+:LM salg'
LIN+1++5709057281152:EN::9'
PIA+1+4009071000:SA::91'
PIA+1+303840:IN::92'
IMD+C++TU::9:BB BOR 10.0MM HSS SLEBNE ØKO'
QTY+53:5:PCE'
DTM+2:20140502:102'
PRI+AAA:2.17:CT:DPR'
RFF+LI::1'
UNS+S'
MOA+125:10.85'
MOA+176:2.71'
MOA+86:13.56'
CNT+2:1'
UNT+24+168610'
UNZ+1+168610'
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