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## Code Pages Supported by Windows -- Windows

### Windows codepages

The list below provides links to graphical representations, and textual listings, of each of the Windows codepages.

#### SBCS (Single Byte Character Set) Codepages

- [1250 \(Central Europe\)](#)
- [1251 \(Cyrillic\)](#)
- [1252 \(Latin I\)](#)
- [1253 \(Greek\)](#)
- [1254 \(Turkish\)](#)
- [1255 \(Hebrew\)](#)
- [1256 \(Arabic\)](#)
- [1257 \(Baltic\)](#)
- [1258 \(Vietnam\)](#)
- [874 \(Thai\)](#)

#### DBCS (Double Byte Character Set) Codepages

In these graphical representations, leadbytes are indicated by light gray background shading. Each of these leadbytes hyperlinks to a new page showing the 256 character block associated with that leadbyte. Unused leadbytes are identified by a darker gray background.

- [932 \(Japanese Shift-JIS\)](#)
- [936 \(Simplified Chinese GBK\)](#)
- [949 \(Korean\)](#)
- [950 \(Traditional Chinese Big5\)](#)

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## Microsoft Windows Codepage : 1250 (Central Europe)

	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
00	<u>NUL</u> 0000	<u>STX</u> 0001	<u>SOT</u> 0002	<u>ETX</u> 0003	<u>EOT</u> 0004	<u>ENQ</u> 0005	<u>ACK</u> 0006	<u>BEL</u> 0007	<u>BS</u> 0008	<u>HT</u> 0009	<u>LF</u> 000A	<u>VT</u> 000B	<u>FF</u> 000C	<u>CR</u> 000D	<u>SO</u> 000E	<u>SI</u> 000F
10	<u>DLE</u> 0010	<u>DC1</u> 0011	<u>DC2</u> 0012	<u>DC3</u> 0013	<u>DC4</u> 0014	<u>NAK</u> 0015	<u>SYN</u> 0016	<u>ETB</u> 0017	<u>CAN</u> 0018	<u>EM</u> 0019	<u>SUB</u> 001A	<u>ESC</u> 001B	<u>FS</u> 001C	<u>GS</u> 001D	<u>RS</u> 001E	<u>US</u> 001F
20	<u>SP</u> 0020	!	"	#	\$	%	&	'	(	)	*	+	,	-	.	/
30	0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?
40	@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
50	P	Q	R	S	T	U	V	W	X	Y	Z	[	\	]	^	_
60	`	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
70	p	q	r	s	t	u	v	w	x	y	z	{		}	~	<u>DEL</u> 007F
80	€ 20AC	•••••	ƒ 201A	•••••	„ 201E	… 2026	† 2020	‡ 2021	•••••	% 2030	š 0160	< 2039	ś 015A	ť 0164	ž 017D	ž 0179
90	•••••	˘ 2018	˙ 2019	˚ 201C	˛ 201D	• 2022	– 2013	— 2014	•••••	™ 2122	š 0161	> 203A	ś 015B	ť 0165	ž 017E	ž 017A
A0	<u>MBSP</u> 00A0	˘ 02C7	˙ 02D8	Ł 0141	* 00A4	Ą 0104	! 00A6	Ś 00A7	• 00A8	@ 00A9	§ 015E	« 00AB	¬ 00AC	– 00AD	® 00AE	Ż 017B
B0	° 00E0	± 00B1	ˆ 02DB	˚ 0142	˘ 00B4	μ 00B5	¶ 00B6	• 00B7	˘ 00B8	ą 0105	ę 015F	» 00BB	Ł 013D	˘ 02DD	ı 013E	ż 017C
C0	Ŕ 0154	Á 00C1	Ā 00C2	Ă 0102	Ä 00C4	Í 0139	Ć 0106	Ç 00C7	Č 010C	É 00C9	Ě 0118	Ě 00CB	Ě 011A	Í 00CD	Î 00CE	Ď 010E
D0	Đ 0110	Ń 0143	Ň 0147	Ó 00D3	Õ 00D4	Ö 0150	Ö 00D6	× 00D7	Ř 0158	Ů 016E	Ú 00DA	Ů 0170	Ů 00DC	Ý 00DD	Ť 0162	ß 00DF
E0	ŕ 0155	á 00E1	ā 00E2	ă 0103	ä 00E4	í 013A	ć 0107	ç 00E7	č 010D	é 00E9	ě 0119	ě 00EB	ě 011B	í 00ED	î 00EE	ď 010F
F0	đ 0111	ń 0144	ň 0148	ó 00F3	õ 00F4	ö 0151	ö 00F6	÷ 00F7	ř 0159	ů 016F	ú 00FA	ů 0171	ů 00FC	ý 00FD	ț 0163	• 02D9

- 00 = U+0000 : NULL  
 01 = U+0001 : START OF HEADING  
 02 = U+0002 : START OF TEXT  
 03 = U+0003 : END OF TEXT  
 04 = U+0004 : END OF TRANSMISSION  
 05 = U+0005 : ENQUIRY  
 06 = U+0006 : ACKNOWLEDGE  
 07 = U+0007 : BELL  
 08 = U+0008 : BACKSPACE  
 09 = U+0009 : HORIZONTAL TABULATION  
 0A = U+000A : LINE FEED  
 0B = U+000B : VERTICAL TABULATION  
 0C = U+000C : FORM FEED  
 0D = U+000D : CARRIAGE RETURN  
 0E = U+000E : SHIFT OUT  
 0F = U+000F : SHIFT IN  
 10 = U+0010 : DATA LINK ESCAPE  
 11 = U+0011 : DEVICE CONTROL ONE  
 12 = U+0012 : DEVICE CONTROL TWO  
 13 = U+0013 : DEVICE CONTROL THREE

## Microsoft Windows Codepage : 1251 (Cyrillic)

	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
00	<u>NUL</u> 0000	<u>STX</u> 0001	<u>SOT</u> 0002	<u>ETX</u> 0003	<u>EOT</u> 0004	<u>ENQ</u> 0005	<u>ACK</u> 0006	<u>BEL</u> 0007	<u>BS</u> 0008	<u>HT</u> 0009	<u>LF</u> 000A	<u>VT</u> 000B	<u>FF</u> 000C	<u>CR</u> 000D	<u>SO</u> 000E	<u>SI</u> 000F
10	<u>DLE</u> 0010	<u>DC1</u> 0011	<u>DC2</u> 0012	<u>DC3</u> 0013	<u>DC4</u> 0014	<u>NAK</u> 0015	<u>SYN</u> 0016	<u>ETB</u> 0017	<u>CAN</u> 0018	<u>EM</u> 0019	<u>SUB</u> 001A	<u>ESC</u> 001B	<u>FS</u> 001C	<u>GS</u> 001D	<u>RS</u> 001E	<u>US</u> 001F
20	<u>SP</u> 0020	!	"	#	\$	%	&	'	(	)	*	+	,	-	.	/
30	0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?
40	@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
50	P	Q	R	S	T	U	V	W	X	Y	Z	[	\	]	^	_
60	`	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
70	p	q	r	s	t	u	v	w	x	y	z	{		}	~	<u>DEL</u> 007F
80	Ѡ	ѡ	Ѣ	ѣ	Ѥ	ѥ	Ѧ	ѧ	Ѩ	ѩ	Ѫ	ѫ	Ѭ	ѭ	Ѯ	ѯ
90	Ѱ	ѱ	Ѳ	ѳ	Ѵ	ѵ	Ѷ	ѷ	Ѹ	ѹ	Ѻ	ѻ	Ѽ	ѽ	Ѿ	ѿ
A0	<u>MBSP</u> 00A0	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ
B0	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ
C0	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ
D0	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ
E0	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ
F0	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ	ѿ

- 00 = U+0000 : NULL  
 01 = U+0001 : START OF HEADING  
 02 = U+0002 : START OF TEXT  
 03 = U+0003 : END OF TEXT  
 04 = U+0004 : END OF TRANSMISSION  
 05 = U+0005 : ENQUIRY  
 06 = U+0006 : ACKNOWLEDGE  
 07 = U+0007 : BELL  
 08 = U+0008 : BACKSPACE  
 09 = U+0009 : HORIZONTAL TABULATION  
 0A = U+000A : LINE FEED  
 0B = U+000B : VERTICAL TABULATION  
 0C = U+000C : FORM FEED  
 0D = U+000D : CARRIAGE RETURN  
 0E = U+000E : SHIFT OUT  
 0F = U+000F : SHIFT IN  
 10 = U+0010 : DATA LINK ESCAPE  
 11 = U+0011 : DEVICE CONTROL ONE  
 12 = U+0012 : DEVICE CONTROL TWO  
 13 = U+0013 : DEVICE CONTROL THREE

## Microsoft Windows Codepage : 1252 (Latin I)

	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
00	<u>NUL</u> 0000	<u>STX</u> 0001	<u>SOT</u> 0002	<u>ETX</u> 0003	<u>EOT</u> 0004	<u>ENQ</u> 0005	<u>ACK</u> 0006	<u>BEL</u> 0007	<u>BS</u> 0008	<u>HT</u> 0009	<u>LF</u> 000A	<u>VT</u> 000B	<u>FF</u> 000C	<u>CR</u> 000D	<u>SO</u> 000E	<u>SI</u> 000F
10	<u>DLE</u> 0010	<u>DC1</u> 0011	<u>DC2</u> 0012	<u>DC3</u> 0013	<u>DC4</u> 0014	<u>NAK</u> 0015	<u>SYN</u> 0016	<u>ETB</u> 0017	<u>CAN</u> 0018	<u>EM</u> 0019	<u>SUB</u> 001A	<u>ESC</u> 001B	<u>FS</u> 001C	<u>GS</u> 001D	<u>RS</u> 001E	<u>US</u> 001F
20	<u>SP</u> 0020	!	"	#	\$	%	&	'	(	)	*	+	,	-	.	/
30	0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?
40	@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
50	P	Q	R	S	T	U	V	W	X	Y	Z	[	\	]	^	_
60	`	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
70	p	q	r	s	t	u	v	w	x	y	z	{		}	~	<u>DEL</u> 007F
80	€ 20AC	⋯	ƒ 201A	„ 0192	… 201E	† 2026	‡ 2020	ˆ 02C6	% 2030	š 0160	< 2039	œ 0152	⋯	ž 017D	⋯	⋯
90	⋯	˘ 2018	˙ 2019	˚ 201C	˛ 201D	• 2022	– 2013	— 2014	˜ 02DC	™ 2122	š 0161	> 203A	œ 0153	⋯	ž 017E	ÿ 0178
A0	<u>MBSP</u> 00A0	ı 00A1	ı̇ 00A2	£ 00A3	* 00A4	¥ 00A5	ı̇ 00A6	§ 00A7	¨ 00A8	@ 00A9	ª 00AA	« 00AB	¬ 00AC	– 00AD	® 00AE	— 00AF
B0	° 00B0	± 00B1	² 00B2	³ 00B3	´ 00B4	µ 00B5	¶ 00B6	· 00B7	¸ 00B8	¹ 00B9	º 00BA	» 00BB	¼ 00BC	½ 00BD	¾ 00BE	¿ 00BF
C0	À 00C0	Á 00C1	Â 00C2	Ã 00C3	Ä 00C4	Å 00C5	Æ 00C6	Ç 00C7	È 00C8	É 00C9	Ê 00CA	Ë 00CB	Ì 00CC	Í 00CD	Î 00CE	Ï 00CF
D0	Ð 00D0	Ñ 00D1	Ò 00D2	Ó 00D3	Ô 00D4	Õ 00D5	Ö 00D6	× 00D7	Ø 00D8	Ù 00D9	Ú 00DA	Û 00DB	Ü 00DC	Ý 00DD	Þ 00DE	ß 00DF
E0	à 00E0	á 00E1	â 00E2	ã 00E3	ä 00E4	å 00E5	æ 00E6	ç 00E7	è 00E8	é 00E9	ê 00EA	ë 00EB	ì 00EC	í 00ED	î 00EE	ï 00EF
F0	ø 00F0	ñ 00F1	ò 00F2	ó 00F3	ô 00F4	õ 00F5	ö 00F6	÷ 00F7	ø 00F8	ù 00F9	ú 00FA	û 00FB	ü 00FC	ý 00FD	þ 00FE	ÿ 00FF

- 00 = U+0000 : NULL  
 01 = U+0001 : START OF HEADING  
 02 = U+0002 : START OF TEXT  
 03 = U+0003 : END OF TEXT  
 04 = U+0004 : END OF TRANSMISSION  
 05 = U+0005 : ENQUIRY  
 06 = U+0006 : ACKNOWLEDGE  
 07 = U+0007 : BELL  
 08 = U+0008 : BACKSPACE  
 09 = U+0009 : HORIZONTAL TABULATION  
 0A = U+000A : LINE FEED  
 0B = U+000B : VERTICAL TABULATION  
 0C = U+000C : FORM FEED  
 0D = U+000D : CARRIAGE RETURN  
 0E = U+000E : SHIFT OUT  
 0F = U+000F : SHIFT IN  
 10 = U+0010 : DATA LINK ESCAPE  
 11 = U+0011 : DEVICE CONTROL ONE  
 12 = U+0012 : DEVICE CONTROL TWO  
 13 = U+0013 : DEVICE CONTROL THREE

## Microsoft Windows Code Page : 1253 (Greek)

	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
00	<u>NUL</u> 0000	<u>STX</u> 0001	<u>SOT</u> 0002	<u>ETX</u> 0003	<u>EOT</u> 0004	<u>ENQ</u> 0005	<u>ACK</u> 0006	<u>BEL</u> 0007	<u>BS</u> 0008	<u>HT</u> 0009	<u>LF</u> 000A	<u>VT</u> 000B	<u>FF</u> 000C	<u>CR</u> 000D	<u>SO</u> 000E	<u>SI</u> 000F
10	<u>DLE</u> 0010	<u>DC1</u> 0011	<u>DC2</u> 0012	<u>DC3</u> 0013	<u>DC4</u> 0014	<u>NAK</u> 0015	<u>SYN</u> 0016	<u>ETB</u> 0017	<u>CAN</u> 0018	<u>EM</u> 0019	<u>SUB</u> 001A	<u>ESC</u> 001B	<u>FS</u> 001C	<u>GS</u> 001D	<u>RS</u> 001E	<u>US</u> 001F
20	<u>SP</u> 0020	!	"	#	\$	%	&	'	(	)	*	+	,	-	.	/
30	0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?
40	@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
50	P	Q	R	S	T	U	V	W	X	Y	Z	[	\	]	^	_
60	`	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
70	p	q	r	s	t	u	v	w	x	y	z	{		}	~	<u>DEL</u> 007F
80	€ 20AC	⋯	ƒ 0192	„ 201E	… 2026	† 2020	‡ 2021	‰ 2030	< 2039	> 203A	> 203A	> 203A	> 203A	> 203A	> 203A	> 203A
90	⋯	ˆ 2018	˜ 2019	˝ 201C	˝ 201D	• 2022	— 2013	— 2014	™ 2122	> 203A	> 203A	> 203A	> 203A	> 203A	> 203A	> 203A
A0	<u>MBSP</u> 00A0	ˆ 0385	Α 0386	£ 00A3	* 00A4	¥ 00A5	! 00A6	§ 00A7	⋯ 00A8	© 00A9	⋯	⋯	⋯	⋯	⋯	⋯
B0	° 00E0	± 00B1	² 00B2	³ 00B3	´ 0384	μ 00B5	¶ 00B6	· 00B7	Έ 0388	Η 0389	Ι 038A	» 00BB	Ό 038C	¼ 00BD	Υ 038E	Ω 038F
C0	ί 0390	Α 0391	Β 0392	Γ 0393	Δ 0394	Ε 0395	Ζ 0396	Η 0397	Θ 0398	Ι 0399	Κ 039A	Λ 039B	Μ 039C	Ν 039D	Ξ 039E	Ο 039F
D0	Π 03A0	Ρ 03A1	⋯	Σ 03A3	Τ 03A4	Υ 03A5	Φ 03A6	Χ 03A7	Ψ 03A8	Ω 03A9	Ϊ 03AA	Ϋ 03AB	ά 03AC	έ 03AD	ή 03AE	ί 03AF
E0	ύ 03B0	α 03B1	β 03B2	γ 03B3	δ 03B4	ε 03B5	ζ 03B6	η 03B7	θ 03B8	ι 03B9	κ 03BA	λ 03BB	μ 03BC	ν 03BD	ξ 03BE	ο 03BF
F0	π 03C0	ρ 03C1	ς 03C2	σ 03C3	τ 03C4	υ 03C5	φ 03C6	χ 03C7	ψ 03C8	ω 03C9	ϊ 03CA	ϋ 03CB	ό 03CC	ύ 03CD	ώ 03CE	⋯

- 00 = U+0000 : NULL  
 01 = U+0001 : START OF HEADING  
 02 = U+0002 : START OF TEXT  
 03 = U+0003 : END OF TEXT  
 04 = U+0004 : END OF TRANSMISSION  
 05 = U+0005 : ENQUIRY  
 06 = U+0006 : ACKNOWLEDGE  
 07 = U+0007 : BELL  
 08 = U+0008 : BACKSPACE  
 09 = U+0009 : HORIZONTAL TABULATION  
 0A = U+000A : LINE FEED  
 0B = U+000B : VERTICAL TABULATION  
 0C = U+000C : FORM FEED  
 0D = U+000D : CARRIAGE RETURN  
 0E = U+000E : SHIFT OUT  
 0F = U+000F : SHIFT IN  
 10 = U+0010 : DATA LINK ESCAPE  
 11 = U+0011 : DEVICE CONTROL ONE  
 12 = U+0012 : DEVICE CONTROL TWO  
 13 = U+0013 : DEVICE CONTROL THREE

## Microsoft Windows Codepage : 1254 (Turkish)

	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
00	<u>NUL</u> 0000	<u>STX</u> 0001	<u>SOT</u> 0002	<u>ETX</u> 0003	<u>EOT</u> 0004	<u>ENQ</u> 0005	<u>ACK</u> 0006	<u>BEL</u> 0007	<u>BS</u> 0008	<u>HT</u> 0009	<u>LF</u> 000A	<u>VT</u> 000B	<u>FF</u> 000C	<u>CR</u> 000D	<u>SO</u> 000E	<u>SI</u> 000F
10	<u>DLE</u> 0010	<u>DC1</u> 0011	<u>DC2</u> 0012	<u>DC3</u> 0013	<u>DC4</u> 0014	<u>NAK</u> 0015	<u>SYN</u> 0016	<u>ETB</u> 0017	<u>CAN</u> 0018	<u>EM</u> 0019	<u>SUB</u> 001A	<u>ESC</u> 001B	<u>FS</u> 001C	<u>GS</u> 001D	<u>RS</u> 001E	<u>US</u> 001F
20	<u>SP</u> 0020	!	"	#	\$	%	&	'	(	)	*	+	,	-	.	/
30	0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?
40	@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
50	P	Q	R	S	T	U	V	W	X	Y	Z	[	\	]	^	_
60	`	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
70	p	q	r	s	t	u	v	w	x	y	z	{		}	~	<u>DEL</u> 007F
80	€ 20AC	•	ı 201A	ş 0192	” 201E	… 2026	† 2020	‡ 2021	ˆ 02C6	% 2030	š 0160	< 2039	Œ 0152	•	•	•
90	•	˘ 2018	ı 2019	” 201C	” 201D	• 2022	— 2013	— 2014	˜ 02DC	™ 2122	š 0161	> 203A	œ 0153	•	•	ÿ 0178
A0	<u>MBSP</u> 00A0	ı 00A1	ı 00A2	£ 00A3	* 00A4	¥ 00A5	ı 00A6	§ 00A7	• 00A8	@ 00A9	• 00AA	« 00AB	¬ 00AC	— 00AD	® 00AE	— 00AF
B0	° 00B0	± 00B1	² 00B2	³ 00B3	´ 00B4	µ 00B5	¶ 00B6	• 00B7	• 00B8	ı 00B9	° 00BA	» 00BB	¼ 00BC	½ 00BD	¾ 00BE	¿ 00BF
C0	À 00C0	Á 00C1	Â 00C2	Ã 00C3	Ä 00C4	Å 00C5	Æ 00C6	Ç 00C7	È 00C8	É 00C9	Ê 00CA	Ë 00CB	Ì 00CC	Í 00CD	Î 00CE	Ï 00CF
D0	Ğ 01HE	Ñ 00D1	Ò 00D2	Ó 00D3	Ô 00D4	Õ 00D5	Ö 00D6	× 00D7	Ø 00D8	Ù 00D9	Ú 00DA	Û 00DB	Ü 00DC	İ 0130	Ş 015E	ß 00DF
E0	à 00E0	á 00E1	â 00E2	ã 00E3	ä 00E4	å 00E5	æ 00E6	ç 00E7	è 00E8	é 00E9	ê 00EA	ë 00EB	ì 00EC	í 00ED	î 00EE	ï 00EF
F0	ğ 01HF	ñ 00F1	ò 00F2	ó 00F3	ô 00F4	õ 00F5	ö 00F6	÷ 00F7	ø 00F8	ù 00F9	ú 00FA	û 00FB	ü 00FC	ı 0131	ş 015F	ÿ 00FF

- 00 = U+0000 : NULL  
 01 = U+0001 : START OF HEADING  
 02 = U+0002 : START OF TEXT  
 03 = U+0003 : END OF TEXT  
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 05 = U+0005 : ENQUIRY  
 06 = U+0006 : ACKNOWLEDGE  
 07 = U+0007 : BELL  
 08 = U+0008 : BACKSPACE  
 09 = U+0009 : HORIZONTAL TABULATION  
 0A = U+000A : LINE FEED  
 0B = U+000B : VERTICAL TABULATION  
 0C = U+000C : FORM FEED  
 0D = U+000D : CARRIAGE RETURN  
 0E = U+000E : SHIFT OUT  
 0F = U+000F : SHIFT IN  
 10 = U+0010 : DATA LINK ESCAPE  
 11 = U+0011 : DEVICE CONTROL ONE  
 12 = U+0012 : DEVICE CONTROL TWO  
 13 = U+0013 : DEVICE CONTROL THREE

## Microsoft Windows Codepage : 1255 (Hebrew)

	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
00	<u>NUL</u> 0000	<u>STX</u> 0001	<u>SOT</u> 0002	<u>ETX</u> 0003	<u>EOT</u> 0004	<u>ENQ</u> 0005	<u>ACK</u> 0006	<u>BEL</u> 0007	<u>BS</u> 0008	<u>HT</u> 0009	<u>LF</u> 000A	<u>VT</u> 000B	<u>FF</u> 000C	<u>CR</u> 000D	<u>SO</u> 000E	<u>SI</u> 000F
10	<u>DLE</u> 0010	<u>DC1</u> 0011	<u>DC2</u> 0012	<u>DC3</u> 0013	<u>DC4</u> 0014	<u>NAK</u> 0015	<u>SYN</u> 0016	<u>ETB</u> 0017	<u>CAN</u> 0018	<u>EM</u> 0019	<u>SUB</u> 001A	<u>ESC</u> 001B	<u>FS</u> 001C	<u>GS</u> 001D	<u>RS</u> 001E	<u>US</u> 001F
20	<u>SP</u> 0020	!	"	#	\$	%	&	'	(	)	*	+	,	-	.	/
30	0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?
40	@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
50	P	Q	R	S	T	U	V	W	X	Y	Z	[	\	]	^	_
60	`	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
70	p	q	r	s	t	u	v	w	x	y	z	{		}	~	<u>DEL</u> 007F
80	€ 20AC		ƒ 201A	„ 0192	… 201E	† 2026	‡ 2020	ˆ 2021	% 02C6		< 2030					
90		˘ 2018	˙ 2019	˚ 201C	˛ 201D	• 2022	– 2013	— 2014	˜ 02DC	™ 2122		> 203A				
A0	<u>MBSP</u> 00A0	ı 00A1	ı̇ 00A2	£ 00A3	₪ 20AA	₹ 00A5	ı̇ 00A6	₪ 00A7	© 00A8	× 00A9	× 00D7	« 00AB	¬ 00AC	– 00AD	® 00AE	— 00AF
B0	° 00E0	± 00B1	² 00B2	³ 00B3	´ 00B4	µ 00B5	¶ 00B6	· 00B7	¸ 00B8	¹ 00B9	÷ 00F7	» 00BB	¼ 00BC	½ 00BD	¾ 00BE	¿ 00BF
C0	˙ 05E0	˚ 05E1	˛ 05E2	˜ 05E3	˘ 05E4	˙ 05E5	˚ 05E6	˛ 05E7	˜ 05E8	˘ 05E9		˙ 05BB	˚ 05BC	˛ 05BD	˜ 05BE	˘ 05BF
D0	ı̇ 05C0	ı̇ 05C1	ı̇ 05C2	ı̇ 05C3	ı̇ 05F0	ı̇ 05F1	ı̇ 05F2	ı̇ 05F3	ı̇ 05F4							
E0	א 05D0	ב 05D1	ג 05D2	ד 05D3	ה 05D4	ו 05D5	ז 05D6	ח 05D7	ט 05D8	י 05D9	ך 05DA	ס 05DB	ל 05DC	ם 05DD	נ 05DE	ן 05DF
F0	י 05E0	ו 05E1	ו 05E2	ך 05E3	פ 05E4	ץ 05E5	ץ 05E6	ך 05E7	ן 05E8	ו 05E9	ן 05EA			LTR 200E	RTL 200F	

- 00 = U+0000 : NULL  
 01 = U+0001 : START OF HEADING  
 02 = U+0002 : START OF TEXT  
 03 = U+0003 : END OF TEXT  
 04 = U+0004 : END OF TRANSMISSION  
 05 = U+0005 : ENQUIRY  
 06 = U+0006 : ACKNOWLEDGE  
 07 = U+0007 : BELL  
 08 = U+0008 : BACKSPACE  
 09 = U+0009 : HORIZONTAL TABULATION  
 0A = U+000A : LINE FEED  
 0B = U+000B : VERTICAL TABULATION  
 0C = U+000C : FORM FEED  
 0D = U+000D : CARRIAGE RETURN  
 0E = U+000E : SHIFT OUT  
 0F = U+000F : SHIFT IN  
 10 = U+0010 : DATA LINK ESCAPE  
 11 = U+0011 : DEVICE CONTROL ONE  
 12 = U+0012 : DEVICE CONTROL TWO  
 13 = U+0013 : DEVICE CONTROL THREE

## Microsoft Windows Codepage : 1256 (Arabic)

	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
00	<u>NUL</u> 0000	<u>STX</u> 0001	<u>SOT</u> 0002	<u>ETX</u> 0003	<u>EOT</u> 0004	<u>ENQ</u> 0005	<u>ACK</u> 0006	<u>BEL</u> 0007	<u>BS</u> 0008	<u>HT</u> 0009	<u>LF</u> 000A	<u>VT</u> 000B	<u>FF</u> 000C	<u>CR</u> 000D	<u>SO</u> 000E	<u>SI</u> 000F
10	<u>DLE</u> 0010	<u>DC1</u> 0011	<u>DC2</u> 0012	<u>DC3</u> 0013	<u>DC4</u> 0014	<u>NAK</u> 0015	<u>SYN</u> 0016	<u>ETB</u> 0017	<u>CAN</u> 0018	<u>EM</u> 0019	<u>SUB</u> 001A	<u>ESC</u> 001B	<u>FS</u> 001C	<u>GS</u> 001D	<u>RS</u> 001E	<u>US</u> 001F
20	<u>SP</u> 0020	!	"	#	\$	%	&	'	(	)	*	+	,	-	.	/
30	0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?
40	@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
50	P	Q	R	S	T	U	V	W	X	Y	Z	[	\	]	^	_
60	`	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
70	p	q	r	s	t	u	v	w	x	y	z	{		}	~	<u>DEL</u> 007F
80	€ 20AC	پ 067E	، 201A	f 0192	" 201E	... 2026	† 2020	‡ 2021	ˆ 02C6	% 2030	ث 0679	< 2039	œ 0152	ع 0686	ز 0698	س 0688
90	گ 06AF	ٲ 2018	، 2019	" 201C	" 201D	• 2022	— 2013	— 2014	ك 06A9	ٲ 2122	ٲ 0691	> 203A	œ 0153	<u>ZWNJ</u> 200C	<u>ZWJ</u> 200D	و 06BA
A0	<u>MBSP</u> 00A0	، 060C	ٲ 00A2	£ 00A3	* 00A4	¥ 00A5	 00A6	§ 00A7	.. 00A8	@ 00A9	ٲ 06BE	« 00AB	¬ 00AC	— 00AD	® 00AE	— 00AF
B0	° 00E0	± 00B1	² 00B2	³ 00B3	´ 00B4	µ 00B5	¶ 00B6	· 00B7	¸ 00B8	¹ 00B9	º 061E	» 00BB	¼ 00BC	½ 00BD	¾ 00BE	¿ 061F
C0	^ 06C1	ء 0621	آ 0622	أ 0623	ؤ 0624	إ 0625	ئ 0626	ا 0627	ب 0628	ة 0629	ت 062A	ث 062B	ج 062C	ح 062D	خ 062E	د 062F
D0	ذ 0630	ر 0631	ز 0632	س 0633	ش 0634	ص 0635	ض 0636	× 00D7	ط 0637	ظ 0638	ع 0639	غ 063A	— 0640	ف 0641	ق 0642	ك 0643
E0	à 00E0	ل 0644	â 00E2	م 0645	ن 0646	ه 0647	و 0648	ç 00E7	è 00E8	é 00E9	ê 00EA	ë 00EB	ى 0649	ي 064A	î 00EE	ï 00EF
F0	، 064B	ع 064C	د 064D	ه 064E	و 00F4	و 064F	و 0650	÷ 00F7	، 0651	ù 00F9	، 0652	û 00FB	ü 00FC	<u>LTR</u> 200E	<u>RTL</u> 200F	ع 06D2

- 00 = U+0000 : NULL  
 01 = U+0001 : START OF HEADING  
 02 = U+0002 : START OF TEXT  
 03 = U+0003 : END OF TEXT  
 04 = U+0004 : END OF TRANSMISSION  
 05 = U+0005 : ENQUIRY  
 06 = U+0006 : ACKNOWLEDGE  
 07 = U+0007 : BELL  
 08 = U+0008 : BACKSPACE  
 09 = U+0009 : HORIZONTAL TABULATION  
 0A = U+000A : LINE FEED  
 0B = U+000B : VERTICAL TABULATION  
 0C = U+000C : FORM FEED  
 0D = U+000D : CARRIAGE RETURN  
 0E = U+000E : SHIFT OUT  
 0F = U+000F : SHIFT IN  
 10 = U+0010 : DATA LINK ESCAPE  
 11 = U+0011 : DEVICE CONTROL ONE  
 12 = U+0012 : DEVICE CONTROL TWO  
 13 = U+0013 : DEVICE CONTROL THREE



## Microsoft Windows Codepage : 1257 (Baltic)

	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
00	<u>NUL</u> 0000	<u>STX</u> 0001	<u>SOT</u> 0002	<u>ETX</u> 0003	<u>EOT</u> 0004	<u>ENQ</u> 0005	<u>ACK</u> 0006	<u>BEL</u> 0007	<u>BS</u> 0008	<u>HT</u> 0009	<u>LF</u> 000A	<u>VT</u> 000B	<u>FF</u> 000C	<u>CR</u> 000D	<u>SO</u> 000E	<u>SI</u> 000F
10	<u>DLE</u> 0010	<u>DC1</u> 0011	<u>DC2</u> 0012	<u>DC3</u> 0013	<u>DC4</u> 0014	<u>NAK</u> 0015	<u>SYN</u> 0016	<u>ETB</u> 0017	<u>CAN</u> 0018	<u>EM</u> 0019	<u>SUB</u> 001A	<u>ESC</u> 001B	<u>FS</u> 001C	<u>GS</u> 001D	<u>RS</u> 001E	<u>US</u> 001F
20	<u>SP</u> 0020	!	"	#	\$	%	&	'	(	)	*	+	,	-	.	/
30	0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?
40	@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
50	P	Q	R	S	T	U	V	W	X	Y	Z	[	\	]	^	_
60	`	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
70	p	q	r	s	t	u	v	w	x	y	z	{		}	~	<u>DEL</u> 007F
80	€ 20AC	•	/	•	"	•	•	•	•	%	•	<	•	•	•	•
90	•	\	/	"	"	•	•	•	•	•	•	>	•	•	•	•
A0	<u>MBSP</u> 00A0	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
B0	°	±	²	³	´	µ	¶	•	•	•	•	•	•	•	•	•
C0	Ą	Į	Ā	Č	Ā	Ā	Ē	Ē	Č	É	Ž	Ē	Ģ	Ķ	Ī	Ļ
D0	Š	Ņ	Ņ	Ó	Ō	Ō	Ō	×	Ū	Ļ	Š	Ū	Ū	Ž	Ž	ß
E0	ą	į	ā	č	ā	ā	ē	ē	č	é	ž	ē	ģ	ķ	ī	ļ
F0	š	ń	ņ	ó	ō	ō	ō	÷	ū	ļ	š	ū	ū	ž	ž	•

- 00 = U+0000 : NULL  
 01 = U+0001 : START OF HEADING  
 02 = U+0002 : START OF TEXT  
 03 = U+0003 : END OF TEXT  
 04 = U+0004 : END OF TRANSMISSION  
 05 = U+0005 : ENQUIRY  
 06 = U+0006 : ACKNOWLEDGE  
 07 = U+0007 : BELL  
 08 = U+0008 : BACKSPACE  
 09 = U+0009 : HORIZONTAL TABULATION  
 0A = U+000A : LINE FEED  
 0B = U+000B : VERTICAL TABULATION  
 0C = U+000C : FORM FEED  
 0D = U+000D : CARRIAGE RETURN  
 0E = U+000E : SHIFT OUT  
 0F = U+000F : SHIFT IN  
 10 = U+0010 : DATA LINK ESCAPE  
 11 = U+0011 : DEVICE CONTROL ONE  
 12 = U+0012 : DEVICE CONTROL TWO  
 13 = U+0013 : DEVICE CONTROL THREE

## Microsoft Windows Codepage : 1258 (Viet Nam)

	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
00	<u>NUL</u> 0000	<u>STX</u> 0001	<u>SOT</u> 0002	<u>ETX</u> 0003	<u>EOT</u> 0004	<u>ENQ</u> 0005	<u>ACK</u> 0006	<u>BEL</u> 0007	<u>BS</u> 0008	<u>HT</u> 0009	<u>LF</u> 000A	<u>VT</u> 000B	<u>FF</u> 000C	<u>CR</u> 000D	<u>SO</u> 000E	<u>SI</u> 000F
10	<u>DLE</u> 0010	<u>DC1</u> 0011	<u>DC2</u> 0012	<u>DC3</u> 0013	<u>DC4</u> 0014	<u>NAK</u> 0015	<u>SYN</u> 0016	<u>ETB</u> 0017	<u>CAN</u> 0018	<u>EM</u> 0019	<u>SUB</u> 001A	<u>ESC</u> 001B	<u>FS</u> 001C	<u>GS</u> 001D	<u>RS</u> 001E	<u>US</u> 001F
20	<u>SP</u> 0020	!	"	#	\$	%	&	'	(	)	*	+	,	-	.	/
30	0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?
40	@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
50	P	Q	R	S	T	U	V	W	X	Y	Z	[	\	]	^	_
60	`	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
70	p	q	r	s	t	u	v	w	x	y	z	{		}	~	<u>DEL</u> 007F
80	€ 20AC		ƒ 201A	„ 0192	… 201E	† 2026	‡ 2020	ˆ 2021	% 02C6		< 2030	œ 0152				
90		˘ 2018	˙ 2019	˚ 201C	˛ 201D	• 2022	– 2013	— 2014	˜ 02DC	™ 2122		> 203A	œ 0153			ÿ 0178
A0	<u>MBSP</u> 00A0	ı 00A1	ı̇ 00A2	£ 00A3	* 00A4	¥ 00A5	ı̇ 00A6	§ 00A7	¨ 00A8	© 00A9	ª 00AA	« 00AB	¬ 00AC	– 00AD	® 00AE	— 00AF
B0	° 00E0	± 00B1	² 00B2	³ 00B3	´ 00B4	µ 00B5	¶ 00B6	· 00B7	¸ 00B8	¹ 00B9	º 00BA	» 00BB	¼ 00BC	½ 00BD	¾ 00BE	¿ 00BF
C0	À 00C0	Á 00C1	Â 00C2	Ã 0102	Ä 00C4	Å 00C5	Æ 00C6	Ç 00C7	È 00C8	É 00C9	Ê 00CA	Ë 00CB	Ì 0300	Í 00CD	Î 00CE	Ï 00CF
D0	Ð 0110	Ñ 00D1	Ò 0309	Ó 00D3	Ô 00D4	Õ 01A0	Ö 00D6	× 00D7	Ø 00D8	Ù 00D9	Ú 00DA	Û 00DB	Ü 00DC	U 01AF	ˆ 0303	ß 00DF
E0	à 00E0	á 00E1	â 00E2	ã 0103	ä 00E4	å 00E5	æ 00E6	ç 00E7	è 00E8	é 00E9	ê 00EA	ë 00EB	ì 0301	í 00ED	î 00EE	ï 00EF
F0	đ 0111	ñ 00F1	õ 0323	ó 00F3	ô 00F4	õ 01A1	ö 00F6	÷ 00F7	ø 00F8	ù 00F9	ú 00FA	û 00FB	ü 00FC	ur 01B0	đ 20AB	ÿ 00FF

- 00 = U+0000 : NULL  
 01 = U+0001 : START OF HEADING  
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 05 = U+0005 : ENQUIRY  
 06 = U+0006 : ACKNOWLEDGE  
 07 = U+0007 : BELL  
 08 = U+0008 : BACKSPACE  
 09 = U+0009 : HORIZONTAL TABULATION  
 0A = U+000A : LINE FEED  
 0B = U+000B : VERTICAL TABULATION  
 0C = U+000C : FORM FEED  
 0D = U+000D : CARRIAGE RETURN  
 0E = U+000E : SHIFT OUT  
 0F = U+000F : SHIFT IN  
 10 = U+0010 : DATA LINK ESCAPE  
 11 = U+0011 : DEVICE CONTROL ONE  
 12 = U+0012 : DEVICE CONTROL TWO  
 13 = U+0013 : DEVICE CONTROL THREE

## Microsoft Windows Codepage : 874 (Thai)

	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
00	<u>NUL</u> 0000	<u>STX</u> 0001	<u>SOT</u> 0002	<u>ETX</u> 0003	<u>EOT</u> 0004	<u>ENQ</u> 0005	<u>ACK</u> 0006	<u>BEL</u> 0007	<u>BS</u> 0008	<u>HT</u> 0009	<u>LF</u> 000A	<u>VT</u> 000B	<u>FF</u> 000C	<u>CR</u> 000D	<u>SO</u> 000E	<u>SI</u> 000F
10	<u>DLE</u> 0010	<u>DC1</u> 0011	<u>DC2</u> 0012	<u>DC3</u> 0013	<u>DC4</u> 0014	<u>NAK</u> 0015	<u>SYN</u> 0016	<u>ETB</u> 0017	<u>CAN</u> 0018	<u>EM</u> 0019	<u>SUB</u> 001A	<u>ESC</u> 001B	<u>FS</u> 001C	<u>GS</u> 001D	<u>RS</u> 001E	<u>US</u> 001F
20	<u>SP</u> 0020	!	"	#	\$	%	&	'	(	)	*	+	,	-	.	/
30	0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?
40	@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
50	P	Q	R	S	T	U	V	W	X	Y	Z	[	\	]	^	_
60	`	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
70	p	q	r	s	t	u	v	w	x	y	z	{		}	~	<u>DEL</u> 007F
80	€ 20AC					… 2026										
90		2018	2019	201C	201D	2022	2013	2014								
A0	<u>MBSP</u> 00A0	ก	ข	ฃ	ด	ด	ฉ	ช	ค	ฅ	ฆ	ช	ง	จ	ฉ	ช
B0	ฏ	ท	ฑ	ฒ	ณ	ด	ถ	ธ	ฒ	ณ	บ	ป	พ	ผ	ฟ	ภ
C0	ภ	ห	ย	ร	ล	ฬ	ว	ศ	ษ	ส	ท	พ	อ	ฮ	ย	ร
D0	๓	๔	๕	๖	๗	๘	๙	๐	๑	๒	๓					฿ 0E3F
E0	เ	แ	เ	เ	เ	เ	เ	เ	เ	เ	เ	เ	เ	เ	เ	เ
F0	๐	๑	๒	๓	๔	๕	๖	๗	๘	๙	๐	๑				

- 00 = U+0000 : NULL  
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 07 = U+0007 : BELL  
 08 = U+0008 : BACKSPACE  
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 0A = U+000A : LINE FEED  
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 0C = U+000C : FORM FEED  
 0D = U+000D : CARRIAGE RETURN  
 0E = U+000E : SHIFT OUT  
 0F = U+000F : SHIFT IN  
 10 = U+0010 : DATA LINK ESCAPE  
 11 = U+0011 : DEVICE CONTROL ONE  
 12 = U+0012 : DEVICE CONTROL TWO  
 13 = U+0013 : DEVICE CONTROL THREE