

Encoding of Vietnamese typing methods Telex, VNI and VIQR on UniKey

How to write Vietnamese words on the 3 most popular percussions is Telex, VNI and VIQR. For those who often use computers, especially office workers, the encoding of Vietnamese typing methods on Unikey is no longer strange.

On this Vietnamese keyboard, we have four choices: Telex, VNI, VIQR and Microsoft. If Telex is the most commonly used typing method, Microsoft rarely (almost never) uses it for everyone's typing. So in this article, the Tipsmake will only mention the three most popular typing methods: Telex, VNI and VIQR.

1. General principles of these 3 typing methods

Nguyên âm / Dấu	Kiểu gõ VNI	Kiểu gõ Telex	Kiểu gõ VIQR
ã	a8	aw	a{
â	a6	aa	a^
ê	e6	ee	e^
ô	o6	oo	o^
ơ	o7	ow	o+
ư	u7	uw	u+
đ	d9	dd	dd
sắc	1	s	'
huyền	2	f	`
hỏi	3	r	?
ngã	4	x	~
nặng	5	j	.
xóa dấu	0	z	-
ví dụ: gõ tiếng Việt	ví dụ: go4 tie6ng1 Vie6t5	vis dụ: gox tieengs Vieetj	ví dụ: go~ tie^'ng Vie^.t

In our Vietnamese alphabet, often the letters will appear like, like, u, yes, stasis, . If you want to write the letters with this accent, we need to type first, then type the diacritical marks, caravans and hook marks. With different Vietnamese typing methods, there are different keys for the diacritics, the caret and the hook mark. We can type the trailing key right after the original letters, but this can make the markings inconsistent in words. For example, the word math can be written into money. With UniKey, you should type at the end of the word and UniKey will always automatically put the correct mark on the required letter.

If you want to put the text in the flower state, we can use 2 basic buttons that are SHIFT or CAPS LOCK. With 1-byte encodings (TCVN 3, BK HCM1, VISCII, VPS), you must use the new font to get accented capital letters. As for regular fonts, we can only type but the capital letters are not accented: Â, Ê, Ê, Ô, ?, ?, U.

2. Typing TELEX

Table 1 . Vietnamese typing keys of TELEX input method.

s -> S?c
f -> Huy?n
r -> H?i
x -> Ngã
j -> N?ng
z -> Clear the set bookmark

For example:

quan+rz = quan

When we want to remove the wrongly written mark instead of another one, we can use z to delete the wrong mark, and rewrite it normally. In the above example, r is the question mark, and when I don't want to ask that question, we can use z to remove it. Note, z can only delete the sign when we are writing, and has not moved away from the text being typed or the word z does not work as well.

When we want to write a letter, we can also write the letter w to replace the usual writing of the original and add the sign.

As for the letters, ?, ?, ê, ô we can type.aa = â
aa = â
dd = ?
ee = ê
oo = ô
uow = ??

For example:

dduwowngf = ???ng

With accented upper case codes (Unicode, or 2-byte encodings), you only need to type the original letters in uppercase, while the diacritics and diacritics can type lowercase letters.

With 1-byte encodings (TCVN 3, BK HCM1, VISCII, VPS), you must use the new font to get accented capital letters. If you use regular font, you can only type unsigned capital letters: Â, ??, Ê, Ô, ?, U, ?.

If in the case you type the wrong sign, if you want to change with another sign, you can type over the new sign, but note that the letter has not moved out of the word being typed.**Example** : toanfs = toán, toansz = toan.

When typing the word, you should type the words marked at the end of the word to avoid mis-spelling in Vietnamese. For example, to put the word "hoang", instead of typing hofang or hoafang, type hoangf.

Các chữ cái đặc biệt			
Chữ cái đặc biệt	Cách viết	Thí dụ	Kết quả
ã	aw	trawng	trăng
â	aa	caan	cân
đ	dd	ddaau	đâu
ê	ee	ddeem	đêm
ô	oo	nhoo	nhô
ơ	ow	mow	mơ
ư	uw, hoặc w	tuw	tư

Bỏ dấu			
Bỏ dấu	Cách viết	Thí dụ	Kết quả
dấu huyền	f cuối từ	huyeenf	huyền
dấu sắc	s cuối từ	sawcs	sắc
dấu hỏi	r cuối từ	hoir	hỏi
dấu ngã	x cuối từ	ngax	ngã
dấu nặng	j cuối từ	nawngj	nặng

3. VNI typing method

Instead of using letters to type accents like TELEX, VNI uses numeric keys to type in Vietnamese.

Table 2 . Vietnamese typing keys for VNI typing method.

- 1 -> s?c
- 2 -> huy?n
- 3 -> h?i
- 4 -> ngã
- 5 -> n?ng
- 6 -> d?u m? trong các ch? â, ê, ô
- 7 -> d?u móc trong các ch? ?, ?
- 8 -> d?u tr?ng trong ch? ?
- d9 -> ch? ?
- 0 -> delete the bar mark

For example:

Hu7o7ng1 = H??ng

When we type the headdress, hook, and moon at the end of the word we will use the original letter and the numbers immediately afterwards. Then we type: duong9772 = line.

With 1-byte encodings (TCVN 3, BK HCM1, VISCII, VPS), you must use the new font to get accented capital letters. With a normal font, you can only type capital letters without a match: Â, É, Ê, Ô, ?, ?, ?.

Just like TELEX, in case you type the wrong mark and still have not moved away from the typing word, you can type a new mark. Example: toan21 = math, to10 = toan.

Dấu với nguyên âm	Telex	VNI	VNI Encoding	VIQR
ă	aw	a8	aê	a(
â	aa	a6	aa	a^
đ	dd	d9	ñ	dd
ê	ee	e6	eâ	e^
ô	oo	o6	oâ	o^
ơ	ow	o7	ô	o+
ư	uw	u7	õ	u+
sắc	s	1	saéc	'
huyền	f	2	huyeàn	`
hỏi	r	3	hoùi	?
ngã	x	4	ngaõ	~
nặng	j	5	naëng	.
Xóa dấu:	z	0		-
Ví dụ: Tiếng Việt	Vis duj: Tieesng Vieejt	Vi1 du5: Tie61ng Vie65t	Ví dụi: Tieáng Vieät	Ví dụ.: Tie^'ng Vie^.t

4. Typing method VIQR

Need to distinguish VIQR input method with VIQR encoding. Typing is the method you use to enter Vietnamese characters, and is independent of the encoding. The encoding is a way of displaying Vietnamese characters. You can use VIQR typing method to input Vietnamese for Unicode, VNI, TCVN (font), etc. You can also type TELEX, or VNI for VIQR, Unicode encoding .

Table 3 . Vietnamese typing keys of VIQR typing method.

' (single quote) -> s?c
 `(grave accent) -> huy?n
 ? -> h?i
 ~ (tilde) -> ngã
 . (full stop) -> n?ng
 ^ -> d?u m? trong các ch? â, ê, ô
 + -> d?u móc trong các ch? ?, ?
 (-> d?u tr?ng trong ch? ?
 dd -> ch? ?
 0 -> xóa d?u thanh
 -> phím thoát d?u

For example:

ddu + o + 'ng = ddu + o + ng' = ???ng

With 1-byte encodings (TCVN 3, BK HCM1, VISCII, VPS), you must use the new font to get accented capital letters. With a normal font, you can only type capital letters without a match: Â, Ê, Ë, Ô, ?, ?, ?.

In order to correct the seal, like TELEX and VNI, we still have to move out of the typing word.

Example : toan " = toán, toan0 = toan.

To type the question mark, the dot without UniKey handling the key, you can press the escape key () before pressing those keys. For example: tan? = dissipation, tan? = tan ?.

Above are some information about UniKey Vietnamese typing methods. Here, I hope users will better understand these three typing methods and the rules they use to type in Vietnamese. Since then choose for yourself the most suitable typing method in the required cases.

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