

KBDID: 470

Description: Arabic

Status: Registered

National Layout: Yes

Regions: Algeria, Bahrain, Egypt, Jordan, Kuwait, Lebanon, Morocco, Oman, Qatar, Saudi Arabia, Syrian Arab Republic, Tunisia, United Arab Emirates, Yemen

Registration Date: 1995-07-05

Notes:

PC-101, for clones only -- Not manufactured by IBM. Required for Algeria, Bahrain, Egypt, Jordan, Kuwait, Lebanon, Morocco, Oman, Qatar, Saudi Arabia, Syria, Tunisia, United Arab Emirates, Yemen.

470_L - Arabic PC-101

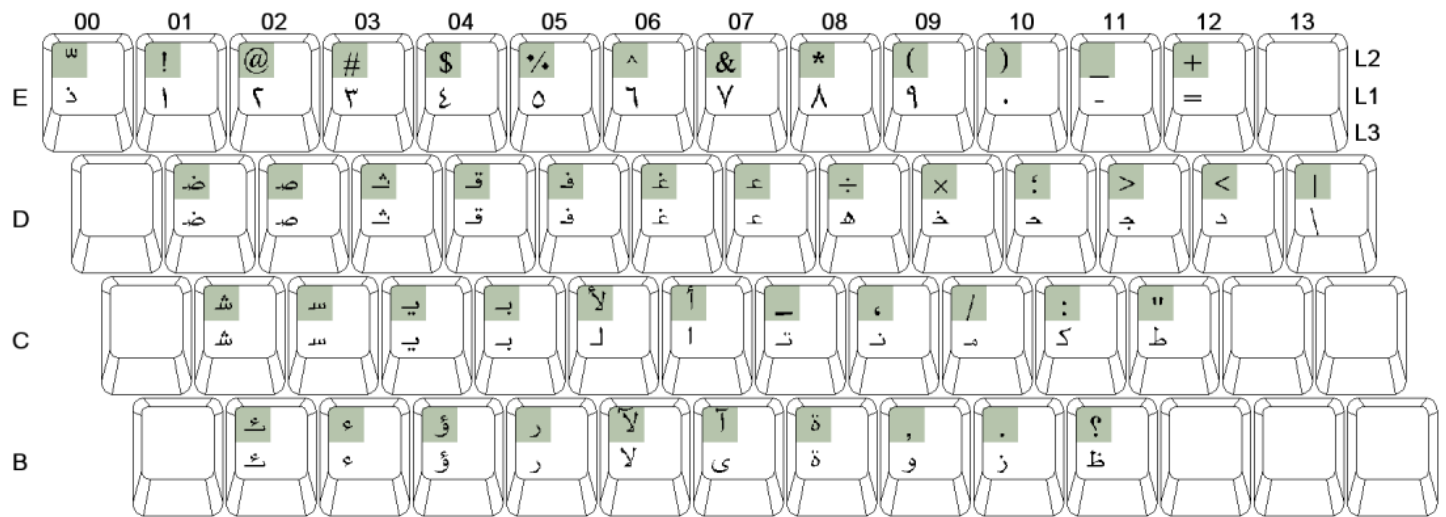


| GLYPH | ROW | COL | LEVEL | IBM ID | DEAD KEY | NOT ENGRAVED | CHARACTER NAME | UNICODE ID |
|-------|-----|-----|-------|----------|----------|--------------|---|------------|
| ~ | E | 00 | L2 | SD19 | | | Tilde Accent | U+007E |
| ` | E | 00 | L1 | SD13 | | | Grave Accent | U+0060 |
| ! | E | 01 | L2 | SP02 | | | Exclamation Point | U+0021 |
| 1 | E | 01 | L1 | ND01 | | | One | U+0031 |
| @ | E | 02 | L2 | SM05 | | | At Sign | U+0040 |
| 2 | E | 02 | L1 | ND02 | | | Two | U+0032 |
| # | E | 03 | L2 | SM01 | | | Number Sign | U+0023 |
| 3 | E | 03 | L1 | ND03 | | | Three | U+0033 |
| \$ | E | 04 | L2 | SC03 | | | Dollar Sign | U+0024 |
| 4 | E | 04 | L1 | ND04 | | | Four | U+0034 |
| % | E | 05 | L2 | SM020007 | | | Percent Sign (Arabic) | U+066A |
| 5 | E | 05 | L1 | ND05 | | | Five | U+0035 |
| ^ | E | 06 | L2 | SD15 | | | Circumflex Accent | U+005E |
| 6 | E | 06 | L1 | ND06 | | | Six | U+0036 |
| & | E | 07 | L2 | SM03 | | | Ampersand | U+0026 |
| 7 | E | 07 | L1 | ND07 | | | Seven | U+0037 |
| * | E | 08 | L2 | SM040007 | | | Asterisk (Arabic Preference - 5 points) | U+066D |
| 8 | E | 08 | L1 | ND08 | | | Eight | U+0038 |
| (| E | 09 | L2 | SP06 | | | Left Parenthesis | U+0028 |
| 9 | E | 09 | L1 | ND09 | | | Nine | U+0039 |
|) | E | 10 | L2 | SP07 | | | Right Parenthesis | U+0029 |
| 0 | E | 10 | L1 | ND10 | | | Zero | U+0030 |
| _ | E | 11 | L2 | SP09 | | | Underline/Continuous Underscore | U+005F |

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|---|---|----|----|------|--|--|--------------------------|--------|
| - | E | 11 | L1 | SP10 | | | Hyphen/Minus Sign | U+002D |
| + | E | 12 | L2 | SA01 | | | Plus Sign | U+002B |
| = | E | 12 | L1 | SA04 | | | Equal Sign | U+003D |
| Q | D | 01 | L2 | LQ02 | | | Q Capital | U+0051 |
| q | D | 01 | L1 | LQ01 | | | q Small | U+0071 |
| W | D | 02 | L2 | LW02 | | | W Capital | U+0057 |
| w | D | 02 | L1 | LW01 | | | w Small | U+0077 |
| E | D | 03 | L2 | LE02 | | | E Capital | U+0045 |
| e | D | 03 | L1 | LE01 | | | e Small | U+0065 |
| R | D | 04 | L2 | LR02 | | | R Capital | U+0052 |
| r | D | 04 | L1 | LR01 | | | r Small | U+0072 |
| T | D | 05 | L2 | LT02 | | | T Capital | U+0054 |
| t | D | 05 | L1 | LT01 | | | t Small | U+0074 |
| Y | D | 06 | L2 | LY02 | | | Y Capital | U+0059 |
| y | D | 06 | L1 | LY01 | | | y Small | U+0079 |
| U | D | 07 | L2 | LU02 | | | U Capital | U+0055 |
| u | D | 07 | L1 | LU01 | | | u Small | U+0075 |
| I | D | 08 | L2 | LI02 | | | I Capital | U+0049 |
| i | D | 08 | L1 | LI01 | | | i Small | U+0069 |
| O | D | 09 | L2 | LO02 | | | O Capital | U+004F |
| o | D | 09 | L1 | LO01 | | | o Small | U+006F |
| P | D | 10 | L2 | LP02 | | | P Capital | U+0050 |
| p | D | 10 | L1 | LP01 | | | p Small | U+0070 |
| { | D | 11 | L2 | SM11 | | | Left Brace | U+007B |
| [| D | 11 | L1 | SM06 | | | Left Bracket | U+005B |
| } | D | 12 | L2 | SM14 | | | Right Brace | U+007D |
|] | D | 12 | L1 | SM08 | | | Right Bracket | U+005D |
| | D | 13 | L2 | SM13 | | | Vertical Line/Logical OR | U+007C |
| \ | D | 13 | L1 | SM07 | | | Backslash | U+005C |
| A | C | 01 | L2 | LA02 | | | A Capital | U+0041 |
| a | C | 01 | L1 | LA01 | | | a Small | U+0061 |
| S | C | 02 | L2 | LS02 | | | S Capital | U+0053 |
| s | C | 02 | L1 | LS01 | | | s Small | U+0073 |
| D | C | 03 | L2 | LD02 | | | D Capital | U+0044 |
| d | C | 03 | L1 | LD01 | | | d Small | U+0064 |
| F | C | 04 | L2 | LF02 | | | F Capital | U+0046 |
| f | C | 04 | L1 | LF01 | | | f Small | U+0066 |
| G | C | 05 | L2 | LG02 | | | G Capital | U+0047 |
| g | C | 05 | L1 | LG01 | | | g Small | U+0067 |
| H | C | 06 | L2 | LH02 | | | H Capital | U+0048 |
| h | C | 06 | L1 | LH01 | | | h Small | U+0068 |
| J | C | 07 | L2 | LJ02 | | | J Capital | U+004A |
| j | C | 07 | L1 | LJ01 | | | j Small | U+006A |
| K | C | 08 | L2 | LK02 | | | K Capital | U+004B |
| k | C | 08 | L1 | LK01 | | | k Small | U+006B |
| L | C | 09 | L2 | LL02 | | | L Capital | U+004C |
| l | C | 09 | L1 | LL01 | | | l Small | U+006C |
| : | C | 10 | L2 | SP13 | | | Colon | U+003A |

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|---|---|----|----|------|--|--|---|--------|
| ; | C | 10 | L1 | SP14 | | | Semicolon | U+003B |
| " | C | 11 | L2 | SP04 | | | Quotation Marks | U+0022 |
| ' | C | 11 | L1 | SP05 | | | Apostrophe | U+0027 |
| Z | B | 01 | L2 | LZ02 | | | Z Capital | U+005A |
| z | B | 01 | L1 | LZ01 | | | z Small | U+007A |
| X | B | 02 | L2 | LX02 | | | X Capital | U+0058 |
| x | B | 02 | L1 | LX01 | | | x Small | U+0078 |
| C | B | 03 | L2 | LC02 | | | C Capital | U+0043 |
| c | B | 03 | L1 | LC01 | | | c Small | U+0063 |
| V | B | 04 | L2 | LV02 | | | V Capital | U+0056 |
| v | B | 04 | L1 | LV01 | | | v Small | U+0076 |
| B | B | 05 | L2 | LB02 | | | B Capital | U+0042 |
| b | B | 05 | L1 | LB01 | | | b Small | U+0062 |
| N | B | 06 | L2 | LN02 | | | N Capital | U+004E |
| n | B | 06 | L1 | LN01 | | | n Small | U+006E |
| M | B | 07 | L2 | LM02 | | | M Capital | U+004D |
| m | B | 07 | L1 | LM01 | | | m Small | U+006D |
| < | B | 08 | L2 | SA03 | | | Less Than Sign/Greater Than Sign (Arabic) | U+003C |
| , | B | 08 | L1 | SP08 | | | Comma | U+002C |
| > | B | 09 | L2 | SA05 | | | Greater Than Sign/Less Than Sign (Arabic) | U+003E |
| . | B | 09 | L1 | SP11 | | | Period/Full Stop | U+002E |
| ? | B | 10 | L2 | SP15 | | | Question Mark | U+003F |
| / | B | 10 | L1 | SP12 | | | Slash | U+002F |

470_A - Arabic PC-101



| GLYPH | ROW | COL | LEVEL | IBM ID | DEAD KEY | NOT ENGRAVED | CHARACTER NAME | UNICODE ID |
|-------|-----|-----|-------|----------|----------|--------------|---|------------|
| ّ | E | 00 | L2 | AX10 | | | Shadda (A/F), Shadd (U) - Isolated | U+FE7C |
| ذ | E | 00 | L1 | AD47 | | | Thal (A), Zal (F/U) - Isolated-Final | U+FEAB |
| ! | E | 01 | L2 | SP02 | | | Exclamation Point | U+0021 |
| ١ | E | 01 | L1 | ND010001 | | | One (Arabic, Farsi, Urdu) | U+0661 |
| @ | E | 02 | L2 | SM05 | | | At Sign | U+0040 |
| ٢ | E | 02 | L1 | ND020001 | | | Two (Arabic, Farsi, Urdu) | U+0662 |
| # | E | 03 | L2 | SM01 | | | Number Sign | U+0023 |
| ٣ | E | 03 | L1 | ND030001 | | | Three (Arabic, Farsi, Urdu) | U+0663 |
| \$ | E | 04 | L2 | SC03 | | | Dollar Sign | U+0024 |
| ٤ | E | 04 | L1 | ND040001 | | | Four (Arabic) | U+0664 |
| % | E | 05 | L2 | SM020007 | | | Percent Sign (Arabic) | U+066A |
| ٥ | E | 05 | L1 | ND050001 | | | Five (Arabic) | U+0665 |
| ^ | E | 06 | L2 | SD15 | | | Circumflex Accent | U+005E |
| ٦ | E | 06 | L1 | ND060001 | | | Six (Arabic, Urdu) | U+0666 |
| & | E | 07 | L2 | SM03 | | | Ampersand | U+0026 |
| ٧ | E | 07 | L1 | ND070001 | | | Seven (Arabic, Farsi) | U+0667 |
| * | E | 08 | L2 | SM040007 | | | Asterisk (Arabic Preference - 5 points) | U+066D |
| ٨ | E | 08 | L1 | ND080001 | | | Eight (Arabic, Farsi, Urdu) | U+0668 |
| (| E | 09 | L2 | SP06 | | | Left Parenthesis | U+0028 |
| ٩ | E | 09 | L1 | ND090001 | | | Nine (Arabic, Farsi, Urdu) | U+0669 |
|) | E | 10 | L2 | SP07 | | | Right Parenthesis | U+0029 |
| ٠ | E | 10 | L1 | ND100001 | | | Zero (Arabic, Urdu) | U+0660 |
| _ | E | 11 | L2 | SP09 | | | Underline/Continuous Underscore | U+005F |
| - | E | 11 | L1 | SP10 | | | Hyphen/Minus Sign | U+002D |
| + | E | 12 | L2 | SA01 | | | Plus Sign | U+002B |
| = | E | 12 | L1 | SA04 | | | Equal Sign | U+003D |
| ض | D | 01 | L2 | AD450003 | | | Dud (A), Zad (F), Duad (U) - Initial-Middle | U+FEBF |
| ض | D | 01 | L1 | AD450003 | | | Dud (A), Zad (F), Duad (U) - Initial-Middle | U+FEBF |
| س | D | 02 | L2 | AS450003 | | | Sad (A/F), Suad (U) - Initial-Middle | U+FEBB |
| س | D | 02 | L1 | AS450003 | | | Sad (A/F), Suad (U) - Initial-Middle | U+FEBB |
| ث | D | 03 | L2 | AT470003 | | | Theh (A/F/U) - Initial-Middle | U+FE9B |

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| ث | D | 03 | L1 | AT470003 | | | Theh (A/F/U) - Initial-Middle | U+FE9B |
| ظ | D | 04 | L2 | AQ010003 | | | Qaf (A/F/U) - Initial-Middle | U+FED7 |
| ظ | D | 04 | L1 | AQ010003 | | | Qaf (A/F/U) - Initial-Middle | U+FED7 |
| ف | D | 05 | L2 | AF010003 | | | Feh (A/F/U) - Initial-Middle | U+FED3 |
| ف | D | 05 | L1 | AF010003 | | | Feh (A/F/U) - Initial-Middle | U+FED3 |
| غ | D | 06 | L2 | AG310003 | | | Ghayn (A/F/U) - Initial | U+FECF |
| غ | D | 06 | L1 | AG310003 | | | Ghayn (A/F/U) - Initial | U+FECF |
| ع | D | 07 | L2 | AC470003 | | | Ayn (A/F/U) - Initial | U+FECB |
| ع | D | 07 | L1 | AC470003 | | | Ayn (A/F/U) - Initial | U+FECB |
| ÷ | D | 08 | L2 | SA06 | | | Divide Sign | U+00F7 |
| ه | D | 08 | L1 | AH010003 | | | Heh (A/F) - Initial | U+FEEB |
| × | D | 09 | L2 | SA07 | | | Multiply Sign | U+00D7 |
| خ | D | 09 | L1 | AH470003 | | | Khah (A), Kheh (F/U) - Initial-Middle | U+FEA7 |
| ؛ | D | 10 | L2 | SP140007 | | | Semicolon, Rotated (Arabic) | U+061B |
| ح | D | 10 | L1 | AH450003 | | | Hah (A), Heh (F/U) - Initial-Middle | U+FEA3 |
| > | D | 11 | L2 | SA05 | | | Greater Than Sign/Less Than Sign (Arabic) | U+003E |
| ج | D | 11 | L1 | AG230003 | | | Jeem (A/F/U) - Initial-Middle | U+FE9F |
| < | D | 12 | L2 | SA03 | | | Less Than Sign/Greater Than Sign (Arabic) | U+003C |
| د | D | 12 | L1 | AD01 | | | Dal (A/F/U) - Isolated-Final | U+FEA9 |
| | D | 13 | L2 | SM13 | | | Vertical Line/Logical OR | U+007C |
| \ | D | 13 | L1 | SM07 | | | Backslash | U+005C |
| ش | C | 01 | L2 | AS230003 | | | Sheen (A/F/U) - Initial-Middle | U+FEF7 |
| ش | C | 01 | L1 | AS230003 | | | Sheen (A/F/U) - Initial-Middle | U+FEF7 |
| س | C | 02 | L2 | AS010003 | | | Seen (A/F/U) - Initial-Middle | U+FEF3 |
| س | C | 02 | L1 | AS010003 | | | Seen (A/F/U) - Initial-Middle | U+FEF3 |
| ي | C | 03 | L2 | AY010003 | | | Yeh (A) - Initial-Middle | U+FEF3 |
| ي | C | 03 | L1 | AY010003 | | | Yeh (A) - Initial-Middle | U+FEF3 |
| ب | C | 04 | L2 | AB010003 | | | Beh (A/F/U) - Initial-Middle | U+FE91 |
| ب | C | 04 | L1 | AB010003 | | | Beh (A/F/U) - Initial-Middle | U+FE91 |
| لآ | C | 05 | L2 | AL32 | | | Lamaleph Hamza (A), Lamaleph Hamzeh (F) - Isolated | U+FEF7 |
| ل | C | 05 | L1 | AL010003 | | | Lam (A/F) - Initial-Middle | U+FEDF |
| أ | C | 06 | L2 | AA31 | | | Aleph Hamza (A) - Isolated | U+FE83 |
| ا | C | 06 | L1 | AA01 | | | Aleph (A/F/U) - Isolated | U+FE8D |
| ـ | C | 07 | L2 | SM86 | | | Tatweel (Connector) | U+0640 |
| ت | C | 07 | L1 | AT010003 | | | Teh (A/F/U) - Initial-Middle | U+FE97 |
| ، | C | 08 | L2 | SP080007 | | | Comma Rotated (Arabic) | U+060C |
| ن | C | 08 | L1 | AN010003 | | | Noon (A/F/U) - Initial-Middle | U+FEF7 |
| / | C | 09 | L2 | SP12 | | | Slash | U+002F |
| م | C | 09 | L1 | AM010003 | | | Meem (A/F/U) - Initial-Middle | U+FEF3 |
| : | C | 10 | L2 | SP13 | | | Colon | U+003A |
| ك | C | 10 | L1 | AK010003 | | | Caf (A/F/U) - Initial-Middle | U+FEDB |
| " | C | 11 | L2 | SP04 | | | Quotation Marks | U+0022 |
| ط | C | 11 | L1 | AT45 | | | Tah (A/F), Toey (U) - Isolated-Final-Initial-Middle | U+FEC3 |
| ع | B | 01 | L2 | AY31 | | | Yeh Hamza (A) - Initial-Middle | U+FE8B |
| ع | B | 01 | L1 | AY31 | | | Yeh Hamza (A) - Initial-Middle | U+FE8B |
| ء | B | 02 | L2 | AX30 | | | Hamza (A), Hamzeh (F), Hamza (U) - Isolated | U+FE80 |
| ء | B | 02 | L1 | AX30 | | | Hamza (A), Hamzeh (F), Hamza (U) - Isolated | U+FE80 |
| ؤ | B | 03 | L2 | AW31 | | | Waw Hamza (A), Vav Hamzeh (F), Waow Hamza (U) - Isolated-Final | U+FE85 |

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| ؤ | B | 03 | L1 | AW31 | | | Waw Hamza (A), Vav Hamzeh (F), Waow Hamza (U) - Isolated-Final | U+FE85 |
| ر | B | 04 | L2 | AR01 | | | Reh (A/F/U) - Isolated-Final | U+FEAD |
| ر | B | 04 | L1 | AR01 | | | Reh (A/F/U) - Isolated-Final | U+FEAD |
| ﻻ | B | 05 | L2 | AL22 | | | Lamaleph Madda (A), Lamaleph Maddeh (F) - Isolated | U+FEF5 |
| ﻻ | B | 05 | L1 | AL02 | | | Lamaleph (A/F) - Isolated | U+FEFB |
| آ | B | 06 | L2 | AA21 | | | Aleph Madda (A), Aleph Maddeh (F), Aleph Madd (U) - Isolated | U+FE81 |
| ى | B | 06 | L1 | AA02 | | | Aleph Maksura (A) - Isolated | U+FEFF |
| ة | B | 07 | L2 | AT02 | | | Teh Marbuta (A), Teh Mudawara (U) - Isolated-Final | U+FE93 |
| ة | B | 07 | L1 | AT02 | | | Teh Marbuta (A), Teh Mudawara (U) - Isolated-Final | U+FE93 |
| , | B | 08 | L2 | SP08 | | | Comma | U+002C |
| و | B | 08 | L1 | AW01 | | | Waw (A), Vav (F), Waow (U) - Isolated-Final | U+FEED |
| . | B | 09 | L2 | SP11 | | | Period/Full Stop | U+002E |
| ز | B | 09 | L1 | AZ01 | | | Zayn (A), Zey (F), Zeh (U) - Isolated-Final | U+FEAF |
| ؟ | B | 10 | L2 | SP150007 | | | Question Mark, Reversed (Arabic) | U+061F |
| ظ | B | 10 | L1 | AZ45 | | | Zah (F), Zoey (U) - Isolated-Final-Initial-Middle | U+FEF7 |