# **Busra - Character Set Support**

This font supports over 500 characters from The Unicode Standard as well as basic Latin and some Private Use Area (PUA) characters.

## **Supported characters**

The following character ranges are supported by this font:

CO Controls and Basic Latin         U+0020.U+007E           C1 Controls and Latin-1 Supplement         U+00A0.U+00FF           Latin Extended-A         U+0102. U+0103, U+0110, U+0111, U+0128, U+0129, U+0131, U+0152, U+0153, U+0160, U+0161, U+0168, U+0169, U+0178, U+017D, U+017E           Latin Extended-B         U+0192, U+01A0, U+01A1, U+01AF, U+01B0           Spacing Modifier Letters         U+020C6, U+02C7, U+02D8.U+02DD           Combining Diacritical Marks         U+0300.U+0304, U+0306.U+030A, U+030C, U+031B, U+0327, U+034F           Greek and Coptic         U+03C0           Khmer         U1780.U+17DD, U+17E0.U+17E9, U+17F0.U+17F9           Khmer Symbols         19E0.U+19FF           Latin Extended Additional         U+1EA0.U+1EF9           General Punctuation         U+2000.U+200D, U+2010.U+2015, U+2018.U+201A, U+201C.U+201E, U+2023, U+2023, U+2026.U+2029, U+202F, U+2030, U+2039, U+2034, U+2044, U+2060           Superscripts and Subscripts         U+2074           Currently Symbols         U+2074           Letterlike Symbols         U+212, U+2126           Mathematical Operators         U+2202, U+2206, U+220F, U+2211, U+2212, U+2215, U+2214, U+2216, U+2214, U+2216, U+2214, U+2216, U+2248, U+2260, U+2264, U+2265           Miscellaneous Technical         U+2308.U+2309           Control Pictures         U+2423           Geometric Shapes         U+25CA, U+25CC <td< th=""><th>Unicode block</th><th>Busra support</th></td<>	Unicode block	Busra support
Latin Extended-A         U+0102. U+0103, U+0110, U+0111, U+0112, U+01129, U+01131, U+0152, U+0153, U+0160, U+0161, U+0168, U+0169, U+0178, U+0170, U+017E           Latin Extended-B         U+0192, U+01A0, U+01A1, U+01AF, U+01B0           Spacing Modifier Letters         U+02C6, U+02C7, U+02D8.U+02DD           Combining Diacritical Marks         U+0300U+0304, U+0306U+030A, U+030C, U+031B, U+0323, U+0327, U+034F           Greek and Coptic         U+03C0           Khmer         U1780U+17DD, U+17E0U+17E9, U+17F0U+17F9           Khmer Symbols         19E0U+19FF           Latin Extended Additional         U+1EA0U+1EF9           General Punctuation         U+2000U+200D, U+2010U+2015, U+2018U+2014, U+201CU+201E, U+2020U+2029, U+202F, U+2030, U+2039, U+203A, U+2044, U+2060           Superscripts and Subscripts         U+2074           Currently Symbols         U+20AB, U+20AC           Letterlike Symbols         U+2122, U+2126           Mathematical Operators         U+2202, U+2206, U+220F, U+2211, U+2212, U+2215, U+2219, U+2214, U+2215, U+2214, U+2215, U+2214, U+2215, U+2215, U+2215, U+2214, U+2216, U+2264, U+2265           Miscellaneous Technical         U+2308U+2309           Control Pictures         U+243           Geometric Shapes         U+25CA, U+25CC           PUA: Khmer Ornaments         U+EF00U+EF09           PUA: Typograhic Marks         U+FB01. U+FB02	C0 Controls and Basic Latin	U+0020U+007E
U+0131, U+0152, U+0153, U+0160, U+0161, U+0168, U+0169, U+0178, U+017D, U+017E	C1 Controls and Latin-1 Supplement	U+00A0U+00FF
Spacing Modifier Letters         U+02C6, U+02C7, U+02D8.U+02DD           Combining Diacritical Marks         U+0300U+0304, U+0306U+030A, U+030C, U+031B, U+0323, U+0327, U+034F           Greek and Coptic         U+03C0           Khmer         U1780U+17DD, U+17E0U+17E9, U+17F0U+17F9           Khmer Symbols         19EDU+19FF           Latin Extended Additional         U+1EA0U+1EF9           General Punctuation         U+2000U+200D, U+2010U+2015, U+2018U+201A, U+201CU+201E, U+2020U+2022, U+2026U+2029, U+202F, U+2020, U+2029, U+202F, U+203A, U+203A, U+2044, U+2060           Superscripts and Subscripts         U+2074           Currently Symbols         U+20AB, U+20AC           Letterlike Symbols         U+2122, U+2126           Mathematical Operators         U+2202, U+2206, U+220F, U+2211, U+2212, U+2215, U+2219, U+2214, U+2226, U+2264, U+2265           Miscellaneous Technical         U+2308U+2309           Control Pictures         U+2423           Geometric Shapes         U+25CA, U+25CC           PUA: Typograhic Marks         U+FF00U+EF09           PUA: Typograhic Marks         U+FF00U+FE0F           Variation Selectors         U+FE00U+FE0F           Variation Selectors         U+FE00U+FE0F	Latin Extended-A	U+0131, U+0152, U+0153, U+0160, U+0161, U+0168,
Combining Diacritical Marks         U+0300U+0304, U+0306U+030A, U+030C, U+031B, U+0323, U+0327, U+034F           Greek and Coptic         U+03C0           Khmer         U1780U+17DD, U+17E0U+17E9, U+17F0U+17F9           Khmer Symbols         19E0U+19FF           Latin Extended Additional         U+1EA0U+1EF9           General Punctuation         U+2000U+200D, U+2010U+2015, U+2018U+201A, U+201CU+201E, U+2020U+2022, U+2026U+2029, U+201E, U+2039, U+2039, U+2039, U+2034, U+2044, U+2060           Superscripts and Subscripts         U+2074           Currently Symbols         U+20AB, U+20AC           Letterlike Symbols         U+2122, U+2126           Mathematical Operators         U+2202, U+2206, U+220F, U+2211, U+2212, U+2215, U+2215, U+2219, U+2214, U+2215, U+2215, U+2219, U+2214, U+2215, U+2248, U+2260, U+2264, U+2265           Miscellaneous Technical         U+2308U+2309           Control Pictures         U+2423           Geometric Shapes         U+25CA, U+25CC           PUA: Khmer Ornaments         U+EF00U+EF09           PUA: Typograhic Marks         U+F130U+F131           Alphabetic Presentation Forms         U+FB01, U+FB02           Variation Selectors         U+FEFFF (zero-width no-break space)	Latin Extended-B	U+0192, U+01A0, U+01A1, U+01AF, U+01B0
Greek and Coptic         U+03C0           Khmer         U1780U+17DD, U+17E0U+17E9, U+17F0U+17F9           Khmer Symbols         19E0U+19FF           Latin Extended Additional         U+1EA0U+1EF9           General Punctuation         U+2000U+200D, U+2010U+2015, U+2018U+201A, U+201CU+201E, U+2020.U+2022, U+2026U+2029, U+202F, U+2030, U+2039, U+203A, U+2044, U+2060           Superscripts and Subscripts         U+2074           Currently Symbols         U+20AB, U+20AC           Letterlike Symbols         U+2122, U+2126           Mathematical Operators         U+2202, U+2206, U+220F, U+2211, U+2212, U+2215, U+2219, U+2219, U+2214, U+221E, U+222B, U+2248, U+2260, U+2264, U+2265           Miscellaneous Technical         U+2308U+2309           Control Pictures         U+2423           Geometric Shapes         U+25CA, U+25CC           PUA: Khmer Ornaments         U+EF00U+EF09           PUA: Typograhic Marks         U+F130U+F131           Alphabetic Presentation Forms         U+FB01, U+FB02           Variation Selectors         U+FEFF (zero-width no-break space)	Spacing Modifier Letters	U+02C6, U+02C7, U+02D8.U+02DD
Khmer         U1780U+17DD, U+17E0U+17E9, U+17F0U+17F9           Khmer Symbols         19E0U+19FF           Latin Extended Additional         U+1EAOU+1EF9           General Punctuation         U+2000U+200D, U+2010U+2015, U+2018U+201A, U+201E, U+202E, U+202OU+2022, U+2026U+2029, U+201E, U+2023A, U+203A, U+2044, U+2060           Superscripts and Subscripts         U+2074           Currently Symbols         U+20AB, U+20AC           Letterlike Symbols         U+2122, U+2126           Mathematical Operators         U+2202, U+2206, U+220F, U+2211, U+2212, U+2215, U+2213, U+2214, U+2215, U+2214, U+221F, U+222B, U+2248, U+2260, U+2264, U+2265           Miscellaneous Technical         U+2308U+2309           Control Pictures         U+2423           Geometric Shapes         U+25CA, U+25CC           PUA: Khmer Ornaments         U+EF00U+EF09           PUA: Typograhic Marks         U+F130U+F131           Alphabetic Presentation Forms         U+FB01, U+FB02           Variation Selectors         U+FEFF (zero-width no-break space)	Combining Diacritical Marks	
Khmer Symbols         19E0U+19FF           Latin Extended Additional         U+1EA0U+1EF9           General Punctuation         U+2000U+200D, U+2010U+2015, U+2018U+201A, U+201CU+201E, U+2020U+2022, U+2026U+2029, U+202F, U+2030, U+2039, U+203A, U+2044, U+2060           Superscripts and Subscripts         U+2074           Currently Symbols         U+20AB, U+20AC           Letterlike Symbols         U+2122, U+2126           Mathematical Operators         U+2202, U+2206, U+220F, U+2211, U+2212, U+2215, U+2219, U+2214, U+2215, U+2214, U+2215, U+2265           Miscellaneous Technical         U+2308U+2309           Control Pictures         U+2423           Geometric Shapes         U+25CA, U+25CC           PUA: Khmer Ornaments         U+EF00U+EF09           PUA: Typograhic Marks         U+F130U+F131           Alphabetic Presentation Forms         U+FB01, U+FB02           Variation Selectors         U+FEFFF (zero-width no-break space)	Greek and Coptic	U+03C0
Latin Extended Additional         U+1EA0U+1EF9           General Punctuation         U+2000U+200D, U+2010U+2015, U+2018U+201A, U+201CU+201E, U+2020U+2022, U+2026U+2029, U+202F, U+2039, U+2039, U+203A, U+2044, U+2060           Superscripts and Subscripts         U+2074           Currently Symbols         U+20AB, U+20AC           Letterlike Symbols         U+2122, U+2126           Mathematical Operators         U+2202, U+2206, U+220F, U+2211, U+2212, U+2215, U+2219, U+2219, U+2214, U+2215, U+2218, U+2260, U+2264, U+2265           Miscellaneous Technical         U+2308U+2309           Control Pictures         U+2423           Geometric Shapes         U+25CA, U+25CC           PUA: Khmer Ornaments         U+EF00U+EF09           PUA: Typograhic Marks         U+F130U+F131           Alphabetic Presentation Forms         U+FB01, U+FB02           Variation Selectors         U+FEFF (zero-width no-break space)	Khmer	U1780U+17DD, U+17E0U+17E9, U+17F0U+17F9
General Punctuation         U+2000U+2010.U+2010.U+2015, U+2018.U+201A, U+2010U+201E, U+2022.U+2022, U+2026.U+2029, U+202F, U+2030, U+2039, U+203A, U+2044, U+2060           Superscripts and Subscripts         U+2074           Currently Symbols         U+20AB, U+20AC           Letterlike Symbols         U+2122, U+2126           Mathematical Operators         U+2202, U+2206, U+220F, U+2211, U+2212, U+2215, U+2219, U+2219, U+2214, U+221F, U+222B, U+2248, U+2260, U+2264, U+2265           Miscellaneous Technical         U+2308U+2309           Control Pictures         U+2423           Geometric Shapes         U+25CA, U+25CC           PUA: Khmer Ornaments         U+EF00U+EF09           PUA: Typograhic Marks         U+F130U+F131           Alphabetic Presentation Forms         U+FB01, U+FB02           Variation Selectors         U+FEFF (zero-width no-break space)	Khmer Symbols	19E0U+19FF
U+201CU+201E, U+2020U+2022, U+2026U+2029, U+202F, U+2030, U+2039, U+203A, U+2044, U+2060           Superscripts and Subscripts         U+2074           Currently Symbols         U+20AB, U+20AC           Letterlike Symbols         U+2122, U+2126           Mathematical Operators         U+2202, U+2206, U+220F, U+2211, U+2212, U+2215, U+2219, U+2219, U+2214, U+2215, U+2219, U+2214, U+2264, U+2265           Miscellaneous Technical         U+2308U+2309           Control Pictures         U+2423           Geometric Shapes         U+25CA, U+25CC           PUA: Khmer Ornaments         U+EF00U+EF09           PUA: Typograhic Marks         U+F130U+F131           Alphabetic Presentation Forms         U+FB01, U+FB02           Variation Selectors         U+FEFF (zero-width no-break space)	Latin Extended Additional	U+1EA0U+1EF9
Currently Symbols  Letterlike Symbols  U+20AB, U+20AC  Letterlike Symbols  U+2122, U+2126  Mathematical Operators  U+2202, U+2206, U+220F, U+2211, U+2212, U+2215, U+2219, U+2214, U+221F, U+222B, U+2248, U+2260, U+2264, U+2265  Miscellaneous Technical  U+2308U+2309  Control Pictures  U+2423  Geometric Shapes  U+25CA, U+25CC  PUA: Khmer Ornaments  U+EF00U+EF09  PUA: Typograhic Marks  U+F130U+F131  Alphabetic Presentation Forms  U+FB01, U+FB02  Variation Selectors  U+FE00U+FE0F  Arabic Presentation Forms-B  U+FEFF (zero-width no-break space)	General Punctuation	U+201CU+201E, U+2020U+2022, U+2026U+2029,
Letterlike SymbolsU+2122, U+2126Mathematical OperatorsU+2202, U+2206, U+220F, U+2211, U+2212, U+2215, U+2219, U+2214, U+2215, U+2218, U+2248, U+2260, U+2264, U+2265Miscellaneous TechnicalU+2308U+2309Control PicturesU+2423Geometric ShapesU+25CA, U+25CCPUA: Khmer OrnamentsU+EF00U+EF09PUA: Typograhic MarksU+F130U+F131Alphabetic Presentation FormsU+F801, U+F802Variation SelectorsU+FE00U+FE0FArabic Presentation Forms-BU+FEFF (zero-width no-break space)	Superscripts and Subscripts	U+2074
Mathematical Operators  U+2202, U+2206, U+220F, U+2211, U+2212, U+2215, U+2219, U+2214, U+2215, U+2218, U+2248, U+2260, U+2264, U+2265  Miscellaneous Technical  U+2308U+2309  Control Pictures  U+2423  Geometric Shapes  U+25CA, U+25CC  PUA: Khmer Ornaments  U+EF00U+EF09  PUA: Typograhic Marks  U+F130U+F131  Alphabetic Presentation Forms  U+FB01, U+FB02  Variation Selectors  U+FE00U+FE0F  Arabic Presentation Forms-B  U+FEFF (zero-width no-break space)	Currently Symbols	U+20AB, U+20AC
U+2219, U+221A, U+221F, U+222B, U+2248, U+2260, U+2264, U+2265Miscellaneous TechnicalU+2308U+2309Control PicturesU+2423Geometric ShapesU+25CA, U+25CCPUA: Khmer OrnamentsU+EF00U+EF09PUA: Typograhic MarksU+F130U+F131Alphabetic Presentation FormsU+FB01, U+FB02Variation SelectorsU+FE00U+FE0FArabic Presentation Forms-BU+FEFF (zero-width no-break space)	Letterlike Symbols	U+2122, U+2126
Control Pictures  U+2423  Geometric Shapes  U+25CA, U+25CC  PUA: Khmer Ornaments  U+EF00U+EF09  PUA: Typograhic Marks  U+F130U+F131  Alphabetic Presentation Forms  U+FB01, U+FB02  Variation Selectors  U+FE00U+FE0F  Arabic Presentation Forms-B  U+FEFF (zero-width no-break space)	Mathematical Operators	U+2219, U+221A, U+221F, U+222B, U+2248, U+2260,
Geometric Shapes  U+25CA, U+25CC  PUA: Khmer Ornaments  U+EF00U+EF09  PUA: Typograhic Marks  U+F130U+F131  Alphabetic Presentation Forms  U+FB01, U+FB02  Variation Selectors  U+FE00U+FE0F  Arabic Presentation Forms-B  U+FEFF (zero-width no-break space)	Miscellaneous Technical	U+2308U+2309
PUA: Khmer Ornaments  U+EF00U+EF09  PUA: Typograhic Marks  U+F130U+F131  Alphabetic Presentation Forms  U+FB01, U+FB02  Variation Selectors  U+FE00U+FE0F  Arabic Presentation Forms-B  U+FEFF (zero-width no-break space)	Control Pictures	U+2423
PUA: Typograhic Marks  Alphabetic Presentation Forms  U+FB01, U+FB02  Variation Selectors  U+FE00U+FE0F  Arabic Presentation Forms-B  U+FEFF (zero-width no-break space)	Geometric Shapes	U+25CA, U+25CC
Alphabetic Presentation Forms  U+FB01, U+FB02  Variation Selectors  U+FE00U+FE0F  Arabic Presentation Forms-B  U+FEFF (zero-width no-break space)	PUA: Khmer Ornaments	U+EF00U+EF09
Variation Selectors  U+FE00U+FE0F  Arabic Presentation Forms-B  U+FEFF (zero-width no-break space)	PUA: Typograhic Marks	U+F130U+F131
Arabic Presentation Forms-B U+FEFF (zero-width no-break space)	Alphabetic Presentation Forms	U+FB01, U+FB02
	Variation Selectors	U+FE00U+FE0F
Specials U+FFFC, U+FFFD	Arabic Presentation Forms-B	U+FEFF (zero-width no-break space)
	Specials	U+FFFC, U+FFFD

### Private-use (PUA) characters

There is a small number of private-use characters that are supported in this font. These conform to SIL Global's corporate registry for usage of the Unicode private-use areas. Characters which are not yet in Unicode are shown below.

#### **Khmer Ornaments**

These are intended to be used as paragraph separators. They are not part of Unicode and there is no expectation that they will ever be included in the standard. Other fonts will not display them properly.

- U+EF00
- U+EF01
- U+EF02
- U+EF03
- U+EF04
- U+EF05
- U+EF06
- U+EF07
- U+EF08
- U+EF09

#### **Typographic Marks**

- U+F130 FONT BASELINE AND SIDE-BEARING MARKER LEFT
- U+F131 FONT BASELINE AND SIDE-BEARING MARKER RIGHT

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