Gentium - Character Set Support

This font supports over 2,700 characters from The Unicode Standard as well as a number of Private Use Area (PUA) characters. In total, over 4,200 glyphs are included, supporting stylistic alternates for a number of characters as well as a large number of ligated sequences (e.g., contour tone letters used in phonetic transcription of tonal languages).

Supported characters

The following character ranges are supported by this font:

C0 Controls and Basic Latin	U+0020..U+007E
C1 Controls and Latin-1 Supplement	U+00A0..U+00FF
Latin Extended-A	U+0100..U+0148, U+014A..U+017F
Latin Extended-B	U+0180..U+024F
IPA Extensions	U+0250..U+02AF
Spacing Modifier Letters	U+02B0..U+02FF
Combining Diacritical Marks	U+0300..U+0320, U+0323..U+033F, U+0346..U+036F
Greek and Coptic	U+0370..U+0377, U+037A..U+037F, U+0384..U+038A, U+038C, U+038E..U+03E1, U+03F0..U+03FF
Cyrillic	U+0400..U+045F, U+0462..U+0463, U+0472..U+0475, U+048A..U+04FF
Cyrillic Supplementary	U+0500..U+052F
Combining Diacritical Marks Extended	U+1AB0..U+1ABA
Phonetic Extensions	U+1D00..U+1D7F
Phonetic Extensions Supplement	U+1D80..U+1DBF
Combining Diacritical Marks Supplement	U+1DC2, U+1DC4..U+1DCD, U+1DF5, U+1DFD..U+1DFF
Latin Extended Additional	U+1E00..U+1EFF
Greek Extended	U+1F00..U+1F15, U+1F18..U+1F1D, U+1F20..U+1F45, U+1F48..U+1F4D, U+1F50..U+1F57, U+1F59, U+1F5B, U+1F5D, U+1F5F..U+1F7D, U+1F80..U+1FB4, U+1FB6..U+1FC4, U+1FC6..U+1FD3, U+1FD6..U+1FDB, U+1FDD..U+1FEF, U+1FF2..U+1FF4, U+1FF6..U+1FFE
General Punctuation	U+2000..U+2030, U+2032..U+203B, U+203C, U+203F.. U+2041, U+2044, U+2053, U+2057, U+2060..U+2063, U+206A..U+206F
Superscripts and Subscripts	U+2070..U+2071, U+2074..U+208E, U+2090..U+209C
Currency Symbols	U+20A0..U+20BF
Combining Diacritical Marks for Symbols	U+20E5, U+20EC..U+20EF
Letterlike Symbols	U+210C, U+2113, U+2116..U+2117, U+211F, U+2122..U+2123, U+2126, U+212D, U+2135, U+214F
Number Forms	U+2150..U+2189
Arrows	U+2190..U+219B, U+21A8, U+21D0..U+21D5
Mathematical Operators	U+2202..U+2206, U+220F, U+2211..U+2213, U+2219..U+221A, U+221E, U+2225..U+2226, U+222B, U+2234..U+2235, U+223C, U+2248, U+225F, U+2260..U+2262, U+2264..U+2265, U+U+2282..U+2287

Unicode block	Gentium Plus support
Miscellaneous Technical	U+2308..U+230B, U+231C..U+231F, U+2329..U+232A, U+239B..U+23AD
Control Pictures	U+2423
Geometric Shapes	U+25CA, U+25CC
Miscellaneous Symbols	U+2640, U+2642, U+266D, U+266F
Dingbats	U+2713, U+274D
Misc. Math. Symbols-A	U+27E6..U+27E9
Latin Extended-C	U+2C60..U+2C7F
Coptic	U+2C88
Supplemental Punctuation	U+2E00..U+2E0D, U+2E13, U+2E14, U+2E17, U+2E22..U+2E25, U+2E3A..U+2E3B
Modifier Tone Letters	U+A700..U+A71F
Latin Extended-D	U+A720..U+A78F, U+A790..U+A799, U+A7A0..U+A7AF, U+A7B0..U+A7B9, U+A7F7..U+A7FF
Kayah Li	U+A92E
Latin Extended-E	U+AB30, U+AB53, U+AB5C, U+AB5E, U+AB64..U+AB65
PUA: Specials	U+F130..U+F133
PUA: Modifier letters (e.g. superscripts)	U+F1A1, U+F1A3..U+F1A4, U+F1AB, U+F1AE, U+F1B4..U+F1B5, U+F1BC, U+F1CD..U+F1CE, U+F1F1..U+F1F9
PUA: Latin	U+F20D, U+F234..U+F235, U+F258..U+F259, U+F267..U+F269, U+F26C..U+F26D
PUA: Cyrillic	U+F326..U+F327
Alphabetic Presentation Forms	U+FB00..U+FB04
Variation Selectors	U+FE00..U+FE0F
Combining Half Marks	U+FE20..U+FE23
Arabic Presentation Forms-B	U+FEFF (zero-width no-break space)
Specials	U+FFF9..U+FFFD
Mathematical Alphanumeric Symbols	U+1D40C, U+1D504..U+1D505, U+1D50A, U+1D50E..U+1D510, U+1D513..U+1D514, U+1D516..U+1D517, U+1D519

Private-use (PUA) characters

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

Specials

- U+F130 FONT BASELINE AND SIDE-BEARING MARKER LEFT
- U+F131 FONT BASELINE AND SIDE-BEARING MARKER RIGHT
- U+F132 FONT VERTICAL METRICS MARKER LEFT

- U+F133 FONT VERTICAL METRICS MARKER RIGHT

Modifier Letters

- U+F1A1 MODIFIER LETTER SMALL AE
- U+F1A3 MODIFIER LETTER SMALL REVERSED E
- U+F1A4 MODIFIER LETTER SMALL CLOSED REVERSED OPEN E
- U+F1AB MODIFIER LETTER SMALL O WITH STROKE
- U+F1AE MODIFIER LETTER SMALL CAPITAL OE
- U+F1B4 MODIFIER LETTER SMALL CAPITAL Y
- U+F1B5 MODIFIER LETTER SMALL RAMS HORN
- U+F1BC MODIFIER LETTER SMALL H WITH STROKE
- U+F1CD MODIFIER LETTER SMALL CAPITAL U BAR
- U+F1CE MODIFIER LETTER SMALL TURNED Y

Latin

- U+F20D LATIN CAPITAL LETTER D WITH STROKE AND HOOK
- U+F234 LATIN CAPITAL LETTER Z WITH PALATAL HOOK
- U+F235 LATIN SMALL LETTER EZH WITH PALATAL HOOK
- U+F258 LATIN LETTER SMALL CAPITAL I OVER SMALL SCHWA
- U+F259 LATIN LETTER SMALL UPSILON OVER SMALL SCHWA
- U+F267 LATIN SMALL LETTER TURNED Y WITH BELT
- U+F268 LATIN LETTER SMALL CAPITAL L WITH BELT
- U+F269 LATIN SMALL LETTER TURNED R WITH LONG LEG AND HOOK
- U+F26D LATIN SMALL LETTER B WITH LEFT HOOK
- U+F26E LATIN CAPITAL LETTER RAMS HORN

Cyrillic

- U+F326 CYRILLIC CAPITAL LETTER GHE WITH STROKE AND DESCENDER
- U+F327 CYRILLIC SMALL LETTER GHE WITH STROKE AND DESCENDER

Deprecated SIL Corporate PUA characters

Some characters formerly in the PUA have been added to Unicode, and so have been deprecated in our fonts. Those PUA characters are displayed as black boxes containing a white image of the deprecated glyph.

Gentium Basic and Gentium Book Basic supported charaxcters

The supported character set for Gentium Basic and Gentium Book Basic is much smaller than for the main Gentium Plus font. The *Basic* fonts support only the Basic Latin and Latin-1 Supplement Unicode ranges, plus a selection of the more commonly used extended Latin characters, with miscellaneous diacritical marks, symbols and punctuation. In particular, these fonts do not support:

- Full extended Latin IPA
- Complete support for Central European languages
- Greek
- Cyrillic

A much more complete character set is supported in the Gentium Plus fonts. The *Basic* fonts were intended as a way to provide additional weights for basic font users before the complete Gentium Plus character set

was finished. So please don't request additional glyphs or characters to be supported in the Basic fonts—use Gentium Plus.

C0 Controls and Basic Latin	U+0020..U+007E
C1 Controls and Latin-1 Supplement	U+00A0..U+00FF
Latin Extended-A	U+0100..U+0103, U+0106..U+010E, U+011A..U+0121, U+0124..U+0125, U+0128..U+012D, U+0130..U+0133, U+0139..U+013A, U+0141..U+0144, U+0147..U+0148, U+014A..U+0155, U+0158..U+015D, U+0160..U+0161, U+0164, U+0168..U+0171, U+00174..U+017E
Latin Extended-B	U+0181, U+0186, U+0189..U+018A, U+018E, U+0190, U+0192, U+0197..U+019A, U+019D, U+019F..U+01A1, U+01A9..U+01AA, U+01AF..U+01B0, U+01B3..U+01B4, U+01B7, U+01CD..U+01E3, U+01E6..U+01E9, U+01EE..U+01EF, U+01F4..U+01F5, U+01F8..U+01FF, U+021E..U+021F, U+0226..U+0233, U+0237, U+023D, U+0241..U+0242, U+0244..U+0245, U+024A..U+024B
IPA Extensions	U+0251, U+0253..U+0254, U+0256..U+0257, U+0259, U+025B, U+0263, U+0268..U+0269, U+026B, U+0272, U+0275, U+0283, U+0289..U+028A, U+028C, U+0292, U+0294, U+02A0
Spacing Modifier Letters	U+02BC, U+02C0, U+02C6..U+02C7, U+02C9..U+02CB, U+02CD, U+02D7..U+02DD
Combining Diacritical Marks	U+0300..U+0304, U+0306..U+030C, U+031B, U+0323, U+0327..U+0328, U+0331, U+033F, U+035F
Greek and Coptic	U+03A0, U+03A9, U+03C0
Latin Extended Additional	U+1E02..U+1E0F, U+1E14..U+1E17, U+1E1C..U+1E27, U+1E2E..U+1E3B, U+1E3E..U+1E49, U+1E4C..U+1E6F, U+1E78..U+1E99, U+1EA0..U+1EF9
General Punctuation	U+2011, U+2013..U+2014, U+2018..U+201A, U+201C..U+201E, U+2020..U+2022, U+2026, U+2030, U+2039..U+203A, U+2044
Currency Symbols	U+20AC
Letterlike Symbols	U+2122..U+2123, U+2126
Mathematical Operators	U+2202, U+2205..U+2206, U+220F, U+2211..U+2212, U+2219..U+221A, U+221E, U+222B, U+2248, U+2260, U+2264..U+2265
Geometric Shapes	U+25CA, U+25CC
Latin Extended-C	U+2C60..U+2C62
Modifier Tone Letters	U+A700..U+A71A
Latin Extended-D	U+A789..U+A78C
Alphabetic Presentation Forms	U+FB01..U+FB02

Unicode block	Gentium Basic support
SIL PUA	U+F130..U+F131, U+F195, U+F197, U+F1C8, U+F1E9..U+F1EA, U+F20E..U+F20F, U+F211..U+F212, U+F218..U+F219, U+F21D..U+F21F, U+F242, U+F26A

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