

| iojs config arch | dest-cpu | x64 | x86 | x64 | x86 | x64 | x86 | arm | arm64 | any | x64, x86 |
|---------------------------|-----------------------------|--------------|-----------|--------------------------|--------------------------|-----------|-----------|-------------|---------------|--------------------------------------|---------------------------------|
| | dest-os | linux | linux | mac | mac | win | win | linux | linux | linux,mac,others | win |
| Category | defines/arch in openssl | linux-x86_64 | linux-elf | darwin64-x86_64-cc | darwin-i386-cc | VC-WIN64A | VC-WIN32 | linux-armv4 | linux-aarch64 | no-asm | VC-WIN64A VC-WIN32 no-asm |
| Endian | -DL_ENDIAN | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ added | ○ | |
| Thread | -DOPENSSL_THREADS | ○ added | ○ added | ○ added | ○ added | ○ added | ○ added | ○ added | ○ added | ○ added | |
| | -D_REENTRANT | ○ | ○ | ○ | ○ | × removed | × removed | ○ | ○ added | ○ | |
| DSO | -DHAVE_DLFCN_H | ○ | ○ | ○ | ○ | × | × | ○ | ○ added | ○ | |
| | -DDSO_DLFCN | ○ | ○ | ○ | ○ | × | × | ○ | ○ added | ○ | |
| ASM | -DOPENSSL_CPUID_OBJ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ added | × | |
| | -DSHA512_ASM | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ added | × | |
| | -DSHA256_ASM | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ added | × | |
| | -DSHA1_ASM | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ added | × | |
| | -DOPENSSL_BN_ASM_MONT | ○ | ○ | ○ | ○ | ○ | ○ | ○ | × | × | |
| | -DOPENSSL_BN_ASM_GF2m | ○ | ○ added | ○ | ○ added | ○ | ○ added | ○ added | × | × | |
| | -DGHASH_ASM | ○ | ○ | ○ | ○ | ○ | ○ | ○ | × | × | |
| | -DAES_ASM | ○ | ○ | ○ | ○ | ○ | ○ | ○ | × | × | |
| | -DWHIRLPOOL_ASM | ○ | ○ | ○ | ○ | ○ | ○ | × | × | × | |
| | -DVPAES_ASM | ○ | ○ | ○ | ○ | ○ | ○ | × | × | × | |
| | -DOPENSSL_IA32_SSE2 | ○ | ○ added | ○ | ○ added | ○ | ○ added | × | × | × | |
| | -DMD5_ASM | ○ | ○ | ○ | ○ | ○ | ○ | × | × | × | |
| | -DBSAES_ASM | ○ | × | ○ | × | ○ | × | ○ added | × | × | |
| | -DOPENSSL_BN_ASM_MONT5 | ○ | × | ○ | × | ○ | × | × | × | × | |
| | -DECP_NISTZ256_ASM | ○ added | × | ○ added | × | ○ added | × | × | × | × | |
| | -DRMD160_ASM | × removed | ○ | × removed | ○ | × removed | ○ | × | × | × | |
| | -DOPENSSL_BN_ASM_PART_WORDS | × | ○ added | × | ○ added | × | ○ added | × | × | × | |
| | -DCPUID_ASM | × removed | × removed | × removed | × removed | × removed | × removed | × removed | × | × | |
| | -DBN_ASM | × removed | × removed | × removed | × removed | × removed | × removed | × | × | × | |
| | -DBF_ASM | × removed | × removed | × removed | × removed | × removed | × removed | × | × | × | |
| | -DBNCO_ASM | × removed | × removed | × removed | × removed | × removed | × removed | × | × | × | |
| | -DDES_ASM | × removed | × removed | × removed | × removed | × removed | × removed | × | × | × | |
| | -DLIB_BN_ASM | × removed | × removed | × removed | × removed | × removed | × removed | × | × | × | |
| -DOPENSSL_BN_ASM | × removed | × removed | × removed | × removed | × removed | × removed | × | × | × | | |
| -DRIP_ASM | × removed | × removed | × removed | × removed | × removed | × removed | × | × | × | | |
| -DWP_ASM | × removed | × removed | × removed | × removed | × removed | × removed | × | × | × | | |
| -DOPENSSL_NO_ASM | × | × | × | × | × | × | × | × | × | ○ | Not supported in vcbuld.bat |
| termios | -DTERMIOS | ○ | ○ | × removed | × removed | × | × | ○ | × | ○ | |
| WIN | -D_CRT_SECURE_NO_DEPRECATED | × | × | × | × | ○ | ○ | × | × | × | |
| | -DWIN32_LEAN_AND_MEAN | × | × | × | × | ○ | ○ | × | × | × | |
| | -DOPENSSL_SYSNAME_WIN32 | × | × | × | × | ○ | ○ | × | × | × | |
| | -DDSO_WIN32 | × | × | × | × | ○ | ○ | × | × | × | |
| WIN64 | -DMK1MF_BUILD | × | × | × | × | × removed | × removed | × | × | × | |
| | -D_UNICODE | × | × | × | × | ○ added | × | × | × | × | |
| iojs customized | -DUNICODE | × | × | × | × | ○ added | × | × | × | × | |
| | -DPURIFY | ○ | ○ | ○ | ○ | ○ | ○ | ○ | × | ○ | |
| iojs customized | -DENGINESDIR | /dev/null | /dev/null | /dev/null | /dev/null | × | × | /dev/null | /dev/null | /dev/null | |
| | -DOPENSSLDIR | /etc/ssl | /etc/ssl | /System/Library/OpenSSL/ | /System/Library/OpenSSL/ | × | × | /etc/ssl | /etc/ssl | /etc/ssl or /System/Library/OpenSSL/ | |
| | -DOPENSSL_NO_SSL2 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ added | ○ | |
| | -DOPENSSL_NO_SSL3 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ added | ○ | |
| | -DOPENSSL_NO_HEARTBEATS | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ added | ○ | |
| | other cflags | linux-x86_64 | linux-elf | darwin64-x86_64-cc | darwin-i386-cc | VC-WIN64A | VC-WIN32 | linux-armv4 | linux-aarch64 | no-asm | |
| optimize | -O3 | ○ | ○ | ○ | ○ | × | × | ○ | ○ added | ○ | |
| warning | -Wall | ○ | ○ | ○ | ○ | × | × | ○ | ○ added | ○ | |
| | -Wno-old-style-declaration | ○ | ○ | ○ | ○ | × | × | ○ | × | ○ | |
| | -arch x86_64 | × | × | ○ added | × | × | × | × | × | × | |
| | -arch i386 | × | × | × | ○ added | × | × | × | × | × | |
| used in openssl for WIN | -nologo | × | × | × | × | | | × | × | × | |
| | /Ox | × | × | × | × | | | × | × | × | |
| | /MD | × | × | × | × | | | × | × | × | |
| | -W3 | × | × | × | × | | | × | × | × | |
| | -Gy | × | × | × | × | | | × | × | × | |
| | -Gs0 | × | × | × | × | | | × | × | × | |
| used in openssl for WIN32 | /Ob2 | × | × | × | × | | | × | × | × | |
| | /O2 | × | × | × | × | | | × | × | × | |
| | -GF | × | × | × | × | | | × | × | × | |