|  |  |  |
| --- | --- | --- |
| КОП | Двоичное представление | Команда asm86\_64 |
| 48:8D03 | 01001000 10001101 00000011 xxxxxxxx  xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx | lea rax,qword ptr ds:[rbx] |
| 48:8D43 02 | 01001000 10001101 01000011 00000010  xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx | lea rax,qword ptr ds:[rbx+2] |
| 48:8D045D 00000000 | 01001000 10001101 00000100 01011101  00000000 00000000 00000000 00000000 | lea rax,qword ptr ds:[rbx\*2] |
| 48:8D0403 | 01001000 10001101 00000100 00000011  xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx | lea rax,qword ptr ds:[rbx+rax] |
| 48:8D0443 | 01001000 10001101 00000100 01000011  xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx | lea rax,qword ptr ds:[rbx+rax\*2] |
| 4C:8D0B | 01001100 10001101 00001011 xxxxxxxx  xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx | lea r9,qword ptr ds:[rbx] |
| 4D:8D0A | 01001101 10001101 00001010 xxxxxxxx  xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx | lea r9,qword ptr ds:[r10] |
| 4E:8D0C55 00000000 | 01001110 10001101 00001100 01010101  00000000 00000000 00000000 00000000 | lea r9,qword ptr ds:[r10\*2] |
| 4F:8D0C1A | 01001111 10001101 00001100 00011010  xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx | lea r9,qword ptr ds:[r10+r11] |
| 8D03 | xxxxxxxx 10001101 00000011 xxxxxxxx  xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx | lea eax,qword ptr ds:[rbx] |
| 67:8D03 | 01100111 10001101 00000011 xxxxxxxx  xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx | lea eax,dword ptr ds:[ebx] |
| 6748:8D03 | 01100111 01001000 10001101 00000011  xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx | lea rax,dword ptr ds:[ebx] |

Префикс | КОП | MOD | SIB |

Смещение

|  |  |  |
| --- | --- | --- |
| 48:8D03 | 01001000 10001101 00000011 xxxxxxxx  xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx | lea rax,qword ptr ds:[rbx] |
| 48:8D43 02 | 01001000 10001101 01000011 00000010  xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx | lea rax,qword ptr ds:[rbx+2] |

mod+SIB

|  |  |  |
| --- | --- | --- |
| 48:8D03 | 01001000 10001101 00000011 xxxxxxxx  xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx | lea rax,qword ptr ds:[rbx] |
| 48:8D045D 00000000 | 01001000 10001101 00000100 01011101  00000000 00000000 00000000 00000000 | lea rax,qword ptr ds:[rbx\*2] |

r/m+SIB+смещение

|  |  |  |
| --- | --- | --- |
| 48:8D03 | 01001000 10001101 00000011 xxxxxxxx  xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx | lea rax,qword ptr ds:[rbx] |
| 48:8D0403 | 01001000 10001101 00000100 00000011  xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx | lea rax,qword ptr ds:[rbx+rax] |

r/m+SIB

|  |  |  |
| --- | --- | --- |
| 48:8D0403 | 01001000 10001101 00000100 00000011  xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx | lea rax,qword ptr ds:[rbx+rax] |
| 48:8D0443 | 01001000 10001101 00000100 01000011  xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx | lea rax,qword ptr ds:[rbx+rax\*2] |

scale

|  |  |  |
| --- | --- | --- |
| 48:8D03 | 01001000 10001101 00000011 xxxxxxxx  xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx | lea rax,qword ptr ds:[rbx] |
| 4C:8D0B | 01001100 10001101 00001011 xxxxxxxx  xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx | lea r9,qword ptr ds:[rbx] |

префикс(x)+reg

|  |  |  |
| --- | --- | --- |
| 4C:8D0B | 01001100 10001101 00001011 xxxxxxxx  xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx | lea r9,qword ptr ds:[rbx] |
| 4D:8D0A | 01001101 10001101 00001010 xxxxxxxx  xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx | lea r9,qword ptr ds:[r10] |

base

|  |  |  |
| --- | --- | --- |
| 4D:8D0A | 01001101 10001101 00001010 xxxxxxxx  xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx | lea r9,qword ptr ds:[r10] |
| 4E:8D0C55 00000000 | 01001110 10001101 00001100 01010101  00000000 00000000 00000000 00000000 | lea r9,qword ptr ds:[r10\*2] |

r/m+SIB+смещение

|  |  |  |
| --- | --- | --- |
| 4D:8D0A | 01001101 10001101 00001010 xxxxxxxx  xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx | lea r9,qword ptr ds:[r10] |
| 4F:8D0C1A | 01001111 10001101 00001100 00011010  xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx | lea r9,qword ptr ds:[r10+r11] |

r/m+SIB

|  |  |  |
| --- | --- | --- |
| 48:8D03 | 01001000 10001101 00000011 xxxxxxxx  xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx | lea rax,qword ptr ds:[rbx] |
| 8D03 | xxxxxxxx 10001101 00000011 xxxxxxxx  xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx | lea eax,qword ptr ds:[rbx] |

префикс

|  |  |  |
| --- | --- | --- |
| 8D03 | xxxxxxxx 10001101 00000011 xxxxxxxx  xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx | lea eax,qword ptr ds:[rbx] |
| 67:8D03 | 01100111 10001101 00000011 xxxxxxxx  xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx | lea eax,dword ptr ds:[ebx] |

префикс

|  |  |  |
| --- | --- | --- |
| 48:8D03 | xxxxxxxx 01001000 10001101 00000011 xxxxxxxx  xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx | lea rax,qword ptr ds:[rbx] |
| 6748:8D03 | 01100111 01001000 10001101 00000011 xxxxxxxx  xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx | lea rax,dword ptr ds:[ebx] |

префикс