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| **MI992****miniATX工业主板，支持第七代Intel® Xeon® E3/Core™i7/i5/i3处理器** |
| * **产品特点：**
* 板载第七代 Intel® Xeon® E3 / Core™ i7/i5/i3处理器
* 2x DDR4 SO-DIMM, 最大支持32GB, 支持ECC
* Intel® processor integrated graphics, supports DVI-D, HDMI 1.4, DisplayPort and 24-bit dual-channel LVDS
* 2x Intel® Gigabit LAN
* 6x USB 3.0, 4x USB 2.0, 4x SATA III, 4x COM
* 1x PCI-E (x16), 2x Mini PCI-E, 1x mSATA, 1x M.2
* Watchdog timer, Digital I/O, iAMT 11.6, TPM 2.0, vPro, iSMART
 | http://www.ibase.com.tw/upfiles/sc_/sc_product_caty01499052436.jpg |
| * **产品示意图**

 | * **订购指南**

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| **MI992VF-X3G** | **BGA1440 Intel® CM238/ Xeon® E3-1505M v6(3.0GHz)****Mini-ITX Motherboard w/ DVI-D, HDMI (1.4), DisplayPort, LVDS, dual Gigabit LAN, RAID, iAMT (11.6), TPM (2.0),****vPro, iSMART, CPU cooler on board** |
| **MI992VF-7820** | **BGA1440 Intel® CM238/ Core™ i7-7820EQ(3.0GHz)****Mini-ITX Motherboard w/ DVI-D, HDMI (1.4), DisplayPort, LVDS, dual Gigabit LAN, RAID, iAMT (11.6), TPM (2.0),****vPro, iSMART, CPU cooler on board** |
| **MI992VF-7440** | **BGA1440 Intel® CM238/ Core™ i5-7440EQ(2.9GHz)****Mini-ITX Motherboard w/ DVI-D, HDMI (1.4), DisplayPort, LVDS, dual Gigabit LAN, RAID, iAMT (11.6), TPM (2.0),****vPro, iSMART, CPU cooler on board** |
| **MI992EF-7100** | **BGA1440 Intel® HM175/ Core™ i3-7100E(2.9GHz)****Mini-ITX Motherboard w/ DVI-D, HDMI (1.4), DisplayPort, LVDS, dual Gigabit LAN, RAID, EuP/ErP compliant, iSMART, CPU cooler on board** |

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| * **规格**
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| **CPU Socket** | BGA1440 |
| **CPU** | 7th Gen Intel® Xeon® E3 / Core™ i7/i5/i3 processors, up to 3.7GHz |
| **PCH** | MI992VF series: Intel® CM238 PCH MI992EF series: HM175 PCH |
| **Memory Types** | 2x DDR4 SO-DIMM, Max.32GB(supports ECC by CPU SKUs) |
| **BIOS** | AMI |
| **Watchdog Timer** | 256 levels |
| **H/W Monitor** | Yes |
| **Storage Device Interface** | 1x mSATA via Mini PCI-E (via SATA III and PCI-E) 1x M.2 slot (Thru SATA III and PCI-E) |
| **Expansion Slots** | 1x PCI-E (x16) |
| **Mini Type Slots** | 2x Mini PCI-E 1x M.2 |
| **Graphics Controller** | 7th Gen Intel® Xeon® / Core™ i7/i5/i3 processor integrated |
| **Video Output** | Supports DVI-D, HDMI (1.4), DisplayPort and 24-bit dual-channel LVDS |
| **Ethernet** | MI992VF series: Intel® I219LM Gigabit LAN PHY MI992EF series: Intel® I219V Gigabit LAN PHY Intel® I211AT PCI-E Gigabit LAN (as 2nd LAN) |
| **I/O Chip** | Fintek F81846AD-I |
| **USB 2.0** | 4x USB 2.0 via pin-header |
| **USB 3.0/ 3.1** | 6x USB 3.0 on board |
| **Serial ATA** | MI992VF series: 4x SATA III MI992EF series: 2x SATA III |
| **Audio** | Intel® CM238 / HM175 PCH built-in HD audio + Realtek ALC892 codec |
| **TPM** | TPM (2.0) |
| **Others** | Digital I/O (4-in/4-out), RAID, IAMT (11.6), iSMART |
| **Dimensions (L x W)** | 170mm x 170mm (6.7” x 6.7 “) |
| **Power Consumption** | Intel® Core i7-7820EQ, 3.00GHz, w / 2x 4GB DDR4-2133+12V: 4.67A+5V: 1.39A+5VSB: 0.05A+3.3V: 0.35A |
| **Operating****Temperature** | 0°C ~ 60°C (32°F~140°F) |
| **Storage Temperature** | -20°C ~ 80°C (-4°F ~ 176°F) |
| **Relative Humidity** | 90% (non-condensing @60°C) |

 | * **尺寸图**
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