



iBOX-250J- Fanless Embedded Box System Equipped with Intel® Celeron® Processor J6412 and Three COM RS-232 Ports

The iBOX-250J is a fanless embedded box system in a small form factor equipped with an Intel® Celeron® Processor J6412. This allows for both performance and efficiency when deployed in environments where these factors are paramount. The iBOX-250J is capable for dual display support in addition to its extensive I/O.

SPECIFICATIONS

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|---------------------------------|--|
| CPU | Intel® Celeron J6412 |
| Memory Type | 260-pin DDR4 3200MHz SO-DIMM |
| Memory Slots | 2 |
| Maximum Memory Supported | 32GB |
| Chipset | Integrated in SoC |
| Integrated Graphics | Intel® 11th Gen integrated UHD Graphics |
| Watchdog Timer | 256 Segments, 0, 1, 2, ... 255sec |
| Video | 1x HDMI 2.0b, 1x VGA |
| LAN Ports | 2 x Intel® I225LM/I225V 2.5GbE |
| Serial ATA(SATA) | 1x SATA III |
| TPM | TPM 2.0 onboard IC |
| | 1x M.2 M-Key 2242/2260/2280 with PCIe x1 for SSD, 1x M.2 B-Key |

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|------------------------------|---|
| Rear I/O | 1x USB 3.2 Gen2, 1x USB 2.0, 1x HDMI, 1x VGA, 2 x LAN |
| Front I/O | 2 x USB 2.0, 3 x RS-232 |
| Audio | Realtek ALC233/256 HD Audio |
| Power Requirement | DC input 9 ~ 36V |
| Dimensions | 7.87" x 5.3" x 1.54" (200mm x 134.5mm x 39mm) |
| Operating Temperature | -20~ 50°C (-4~ 122°F) with extended temp. peripherals |
| Storage Temperature | -40~ 85 °C (-40~ 185 °F) |
| Relative Humidity | 10~ 90% |
| OS Software Supported | Windows 10 64-bit, Windows 11 64-bit |
| Global P/N / SKU | 1708592 |

Ordering Options

iBOX-250J(SKU# 1708592): Fanless Embedded Box PC with Intel® Celeron® Processor J6412