

# Thinvent Byte 1 Mini PC

For an Upgraded Computing  
Experience



Thinvent's well crafted Byte 1 packs unparalleled computing power in its small size. With lesser power consumption and small form factor, it provides a responsive and smooth desktop experience and scales with your future needs. This battle-tested workhorse is the obvious choice for your mission-critical applications.



# Byte 1 Mini PC

## Datasheet

| HARDWARE         |   |
|------------------|---|
| Processor        | Intel® Celeron® Processor N4120 (4M Cache, up to 2.60 GHz)  |
| Memory           | 1 x SO-DIMM DDR4, Up to 16GB DDR4   |
| Display          | Full HD (4096x2160) 32-bit colour<br>1 x HDMI connector<br>1 x DP   |
| Resolution       | HDMI +DP, support 4K max resolution 4096*2160@60Hz  |
| Networking       | 1 Gbps Ethernet Port<br>1 x RJ-45 with diagnostic LEDs  |
| Wi-Fi            | Intel WiFi module (onboard) , WiFi ac/b/g/n   |
| Audio            | 1 x 3.5 mm, Stereo, with insertion detection<br>HDMI audio  |
| Peripheral Ports | 1 x RJ45 Gigabit LAN port<br>1 x HDMI 2.0<br>1 x DP<br>1 x DC IN<br>4 x USB3.0<br>1 x MIC/Audio<br>1 x Power Button |
| Expansion Slot   | 1 x Micro SD  |

| SOFTWARE           |  |
|--------------------|--|
| OS                 | Windows/Ubuntu/Thinix  |
| Peripheral Support | Printer, Scanner, Biometrics, Smart card reader, RFID reader, Barcode scanner, Touchscreen |

| WARRANTY AND SERVICE OPTIONS |                                   |
|------------------------------|-----------------------------------|
| Standard                     | 1-year return to the bench        |
| Extended                     | 3-year return to the bench        |
| On-Site Service              | Onsite service (select locations) |

| ENVIRONMENTAL |                              |
|---------------|------------------------------|
| Temperature   | 0°C to 40°C                  |
| Humidity      | 20 to 80% RH, non-condensing |
| Certification | RoHS, ISO                    |

| PHYSICAL     |                            |
|--------------|----------------------------|
| Dimensions   | 117mm x 129mm x 36mm       |
| Net Weight   | 520g                       |
| Gross Weight | 820g                       |
| Colour       | Black                      |
| Housing      | Powder-coated aluminium    |
| Form Factor  | Standalone Fanless Mini PC |

| ELECTRICAL - EXTERNAL ADAPTOR |                            |
|-------------------------------|----------------------------|
| Power Input                   | 100 - 240 V AC, 50 - 60 Hz |
| Power Output                  | 12V DC~2A                  |
| Current                       | 1.5 A                      |
| Consumption                   | 12 W                       |
| Cable Length                  | 1.25 M                     |

| STORAGE OPTIONS |               |
|-----------------|---------------|
| SSD m.2         | 128 GB to 1TB |
| 2.5" HDD        | NA            |

| WIRELESS AND BLUETOOTH OPTIONS |     |
|--------------------------------|-----|
| WLAN                           | Yes |
| Bluetooth                      | Yes |