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# ASUSPRO A4110-BD198M All-in-One PC/workstation Intel® Celeron® J3160 39.6 cm (15.6") 1366 x 768 pixels Touchscreen 4 GB DDR3L-SDRAM 500 GB HDD Wi-Fi 4 (802.11n) Black

**Brand :** ASUS          **Product family:** ASUSPRO          **Product code:** A4110-BD198M
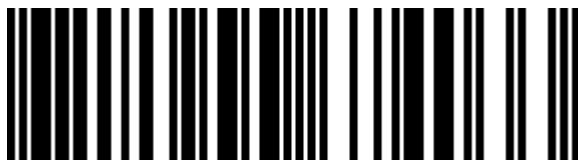
**Product name :** A4110-BD198M

Intel Celeron J3160 (1.6GHz, 2M Cache), 4GB RAM, 500GB HDD, Intel HD Graphics, WLAN 802.11, Ethernet, no OS
ASUSPRO A4110-BD198M. Product type: All-in-One PC. Display diagonal: 39.6 cm (15.6"), HD type: HD, Display resolution: 1366 x 768 pixels, Touchscreen, Screen shape: Flat. Processor family: Intel® Celeron®, Processor frequency: 1.6 GHz. Internal memory: 4 GB, Internal memory type: DDR3L-SDRAM. Total storage capacity: 500 GB, Storage media: HDD. On-board graphics card model: Intel® HD Graphics 400. Built-in camera. Product colour: Black
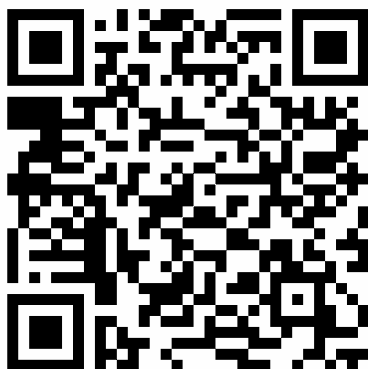
## Display

| | |
|---|---|
| Display diagonal * | 39.6 cm (15.6") |
| Display resolution * | 1366 x 768 pixels |
| Touchscreen * | ✔ |
| HD type * | HD |
| LED backlight | ✔ |
| Touch technology | Multi-touch |
| Native aspect ratio | 16:9 |
| Screen shape | Flat |

## Processor

| | |
|---|---|
| Processor manufacturer * | Intel |
| Processor family * | Intel® Celeron® |
| Processor model * | J3160 |
| Processor cores | 4 |
| Processor threads | 4 |
| Processor boost frequency | 2.24 GHz |
| Processor frequency * | 1.6 GHz |
| Processor cache | 2 MB |
| Processor cache type | L2 |
| Thermal Design Power (TDP) | 6 W |
| PCI Express slots version | 2.0 |
| Processor lithography | 14 nm |
| Processor operating modes | 64-bit |
| Processor codename | Braswell |
| Maximum number of PCI Express lanes | 4 |
| PCI Express configurations | 1x2+2x1, 1x4, 2x2, 4x1 |
| Tjunction | 90 °C |
| Integrated 4G WiMAX | ✘ |
| Maximum internal memory supported by processor | 8 GB |
| Conflict-Free processor | ✔ |
| Memory types supported by processor | DDR3L-SDRAM |
| Memory clock speeds supported by processor | 1600 MHz |

## Ports & interfaces

| | |
|---|---|
| Ethernet LAN (RJ-45) ports | 1 |
| USB 2.0 ports quantity * | 2 |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2 |
| HDMI ports quantity * | 1 |
| VGA (D-Sub) ports quantity | 1 |
| Headphone outputs | 1 |
| Microphone in | ✔ |
| DC-in jack | ✔ |
| Serial ports quantity | 2 |

## Design

| | |
|---|---|
| Product colour * | Black |
| Cable lock slot | ✔ |
| Cable lock slot type | Kensington |

## Performance

| | |
|---|---|
| Product type * | All-in-One PC |

## Software

| | |
|---|---|
| Operating system installed * | ✘ |

## Processor special features

| | |
|---|---|
| Intel® Smart Response Technology | ✘ |
| Intel® Turbo Boost Technology | ✘ |
| Intel® Hyper Threading Technology (Intel® HT Technology) | ✘ |
| Intel® Identity Protection Technology (Intel® IPT) | ✔ |
| Intel® Anti-Theft Technology (Intel® AT) | ✘ |
| Intel Smart Connect Technology | ✘ |
| Intel® High Definition Audio (Intel® HD Audio) | ✔ |
| Intel® Quick Sync Video Technology | ✔ |
| Intel® Clear Video HD Technology (Intel® CVT HD) | ✔ |
| Intel Clear Video Technology | ✔ |

## Processor

| | |
|---|---|
| Memory channels supported by processor | Dual |
| ECC supported by processor | ✘ |

## Memory

| | |
|---|---|
| Internal memory * | 4 GB |
| Internal memory type | DDR3L-SDRAM |
| Maximum internal memory * | 8 GB |
| Memory slots | 1 |
| Memory slots type | SO-DIMM |
| Memory clock speed | 1600 MHz |

## Storage

| | |
|---|---|
| Total storage capacity * | 500 GB |
| Storage media * | HDD |
| Number of storage drives installed | 1 |
| Number of HDDs installed | 1 |
| HDD capacity | 500 GB |
| Card reader integrated | ✔ |
| Compatible memory cards | MMC, MS PRO, Memory Stick (MS), SD, SDHC, SDXC |

## Graphics

| | |
|---|---|
| Discrete graphics card * | ✘ |
| Discrete graphics card model * | Not available |
| On-board graphics card * | ✔ |
| On-board graphics card model * | Intel® HD Graphics 400 |
| On-board graphics card base frequency | 320 MHz |
| On-board graphics card burst frequency | 700 MHz |
| On-board graphics card dynamic frequency (max) | 700 MHz |
| Maximum on-board graphics card memory | 8 GB |
| Number of displays supported (on-board graphics) | 3 |
| Number of execution units | 12 |

## Audio

| | |
|---|---|
| Built-in speaker(s) * | ✔ |
| RMS rated power | 3 W |
| Built-in microphone | ✔ |

## Camera

| | |
|---|---|
| Built-in camera * | ✔ |
| Total megapixels | 1 MP |

## Network

| | |
|---|---|
| Wi-Fi * | ✔ |
| Top Wi-Fi standard * | Wi-Fi 4 (802.11n) |
| Wi-Fi standards | 802.11b, 802.11g, Wi-Fi 4 (802.11n) |
| Ethernet LAN * | ✔ |
| Ethernet LAN data rates | 10,100,1000 Mbit/s |
| Bluetooth * | ✔ |
| Bluetooth version | 4.0 |

## Processor special features

| | |
|---|---|
| Intel® InTru™ 3D Technology | ✘ |
| Intel® AES New Instructions (Intel® AES-NI) | ✔ |
| Intel Trusted Execution Technology | ✘ |
| Intel VT-x with Extended Page Tables (EPT) | ✔ |
| Intel® Secure Key | ✔ |
| Intel Stable Image Platform Program (SIPP) | ✘ |
| Intel® OS Guard | ✘ |
| Intel 64 | ✔ |
| Execute Disable Bit | ✔ |
| Thermal Monitoring Technologies | ✔ |
| Processor package size | 25 x 27 mm |
| CPU configuration (max) | 1 |
| Embedded options available | ✘ |
| UART | ✔ |
| Intel Virtualization Technology for Directed I/O (VT-d) | ✘ |
| Intel Secure Boot | ✔ |
| Intel Virtualization Technology (VT-x) | ✔ |
| Intel Rapid Storage Technology | ✘ |
| Processor ARK ID | 91533 |

## Power

| | |
|---|---|
| AC adapter power | 45 W |

## Weight & dimensions

| | |
|---|---|
| Width (with stand) | 377.5 mm |
| Depth (with stand) | 247 mm |
| Height (with stand) | 28.5 mm |
| Weight (with stand) | 2 kg |

## Certificates

| | |
|---|---|
| Certification | BSMI/CB/CE/FCC/UL/CCC/Energy Star/VCCI |

## Sustainability

| | |
|---|---|
| Sustainability certificates | EPEAT Gold, ENERGY STAR |

## Packaging content

| | |
|---|---|
| Mouse included | ✘ |
| Keyboard included | ✘ |
| Warranty card | ✔ |
| AC adapter included | ✔ |
| Quick start guide | ✔ |

## Other features

| | |
|---|---|
| Detachable display | ✘ |

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