

## AUHMI-816BP/H Information

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### [LCD]

- LCD Size: 15.6" TFT-LCD
  - Touch Type: Projected Capacitive Touch
  - Luminance(cd/m<sup>2</sup>): Standard: 400 (default), 500 (optional) | High Brightness: 1000
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### [System]

- CPU: Intel Celeron J6412 (2.0GHz, 1.5MB L2 cache)
  - Power Consumption: AUHMI-816BP: 40W
  - System Chipset: SoC
  - System Memory: 1 x 260-pin SO-DIMM up to 32GB DDR4 3200MHz
  - TPM: TPM 2.0
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### [I/O Port]

- Audio: 1 x Line Out
  - DP: 1 x DP, support DP++
  - LAN: 2 x 2.5GbE LAN RJ-45
  - Power: 1 x 3-pin Terminal Block Connector | 1 x 2-pin Power Switch Connector
  - Serial / Parallel: 1 x RS-232/422/485 (Default RS-232; select via BIOS)
  - USB: 2 x USB 3.2 Gen2 type A | 2 x USB 2.0 ,Type-A
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### [Storage Space]

- HDD/SSD: 1 x M.2 B-Key 2280 (Support SATA3)
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### [Expansion]

- On board expansion bus: 1 x M.2 E-key | 1 x M.2 B-Key | 1 x Nano SIM slot
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### [Display]

- Backlight lifetime(hrs): 50,000
  - Contrast: 500:1 (default), 1000:1 (optional) |
  - LCD Size: 15.6" TFT-LCD
  - Luminance(cd/m<sup>2</sup>): Standard: 400 (default), 500 (optional) | High Brightness: 1000
  - Max. color: 16.7M
  - Max. resolution: 1366 x 768 (default) | 1920 x 1080 (optional)
  - Viewangle(H°/V°): Standard: 170 / 160 (default), 178 / 178 (optional) | High Brightness: 160 / 160 (default), 170 / 170 (optional)
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### [Touch Screen(Optional)]

- Interface: USB
  - Light transmission(%): Projected Capacitive Touch: Over 90%
  - Touch Type: Projected Capacitive Touch
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### [Power]

- Power input: DC 9~36V
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### [Mechanical]

- Construction: Aluminum Die-casting Chassis

- Dimension(mm): 405 x 256 x 59 mm
  - IP rating: IP66 Compliant Front Bezel
  - Mounting: Panel Mount, VESA 100 x 100
  - Net weight(Kgs): 3.7 kg
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#### [Environment]

- Certification: CE/FCC, Class B
  - Operating temperature(°C): 0~50°C / -20~60°C (option)
  - Storage humidity: 10 to 95%@ 40°C, non-condensing
  - Storage temperature(°C): -30~70°C
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#### [Operating System]

- Operating System: Windows 10 IoT, Windows 11 IoT
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#### [Ordering Information]

- Barebone: AUHMI-816BP(H): | 15.6" (high brightness) HD/FHD fanless HMI barebone with Intel Celeron J6412, 1 x DDR4 slot, 1 x M.2 2280 SATA slot, 1 x M.2 E key slot, 1 x M.2 B key slot, Projected Capacitive touch, 9~36V DC input with adapter, Aluminum Die-casting chassis.
  - Option: ●4G LTE ●Wi-Fi + Bluetooth ●4 x USB 2.0 type A (TB-528U4) ●4 x USB 2.0 type A + 1 x Mini-PCIe + 1 x SIM slot (TB-528U4ME1) ●1 x COM (RS-232) + 2 x USB 2.0 (TB-528C1U2) ●1 x COM (RS-232) + 2 x USB 2.0 + 1 x Power Button (TB-528C1U2P1) ●2 x COM (RS-232) (TB-528C2) ●2 x COM (RS-232) + 1 x Mini-PCIe slot + 1 x SIM slot (TB-528C2ME1) ●2 x COM (RS-422/485, isolated) (TB-528C2I) ●2 x CAN (TB-528CAN2) ●1 x LAN + 2 x USB 2.0 (TB-528E1U2) ●1 x LAN (45W isolated PoE) + 2 x USB 2.0 type A (TB528E1U2UPOE) ●1 x Backup Battery (10.8V/3150mAh) ●1 x Cable Cover ●(TB-528 Series or backup battery only be inserted in either one) Either high brightness panel or backup battery can be installed in HMI
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