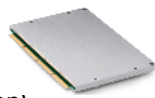


# INTEL® NUC RUGGED CHASSIS ELEMENT (U-SERIES)

“Austin Beach Expandable” Chassis

## Support for Intel® NUC Compute Element

All Compute Elements are supported in Austin Beach (Core i7 vPro, Core i7, Core i5 vPro, Core i5, Core i3, Pentium, Celeron)



- Requires Intel® NUC Compute Element
- Fanless, dust-resistant chassis with I/O board installed; preliminary IP50 rating
- Design implementation: **Expandable** (CMCR1ABA)
- **Dual M.2 22x80 key M** slots for PCIe x4 NVMe and SATA SSDs
- **Two HDMI 2.0a** ports with **built-in CEC**, plus internal **4-lane eDP** interface
  - Support for dual 4k@60Hz via HDMI 2.0a, plus additional 4k@60 via eDP
- **Intel® Optane™ Memory H10 with Solid State Storage** ready
- **Intel® i219-LM** 10/100/1000 Mbps RJ45 Ethernet
- 1x front and 2x backpanel **USB 3.2 Gen 2** type A ports, 1x internal USB 3.0 header
- 1x front port and 2x internal USB 2.0 headers
- 2x **RS232** serial port headers
- Up to 7.1 multichannel (or dual 8-channel) digital audio via HDMI
- Front panel header (with Vcc5/1A, 5Vsby2A, 3.3Vsby/1A)
- **Qualified for 24x7 operation**
- **Delayed AC start; DC overvoltage protection**
- **Display emulation** (headless display, virtual display, persistent displays)
- 12 – 24V<sub>DC</sub> rear jack, internal 2x2 power connector
- Metal chassis, Kensington lock with base security
  - **0~40degC** external ambient operating temperature
  - 19V<sub>DC</sub> 90W power supply adapter with geo-specific AC cords (IEC C5 connector)
  - VESA mounting plate included, with mechanical support for power supply adapter
  - External dipole antennas
  - Internal expansion bay via backpanel (2x DB9 punched bracket pre-installed)
  - Chassis dimensions: 254 x 152.4 x 36 mm (plus additional 4.8mm of rubber feet height)
- Microsoft Windows\* 10, Windows 10 IOT Enterprise, compatible with various Linux distros
- Individual brown-box packaging
- **Three Year Product Life Cycle**
- **Three Year Warranty**

Available SKUs

Mini PC     Kit     Chassis & Board     Board



# INTEL® NUC RUGGED CHASSIS ELEMENT (U-SERIES)

“Austin Beach Dual LAN” Chassis

## Support for Intel® NUC Compute Element

All Compute Elements are supported in Austin Beach  
(Core i7 vPro, Core i7, Core i5 vPro, Core i5, Core i3, Pentium, Celeron)



- Requires Intel® NUC Compute Element
- Fanless, dust-resistant chassis with I/O board installed; preliminary IP50 rating
- Design implementation: **Dual LAN** (CMCR1ABB)
- **Dual M.2 22x80 key M** slots for PCIe x4 NVMe and SATA SSDs
- **Two HDMI 2.0a** ports with **built-in CEC**
  - Support for dual 4k@60Hz via HDMI 2.0a
- Intel® Optane™ Memory H10 with **Solid State Storage** ready
- **Dual GbE LAN: Intel® i219-LM and Intel® i211-AT** 10/100/1000 Mbps RJ45 Ethernet
- 1x front and 2x backpanel **USB 3.2 Gen 2** type A ports, 1x internal USB 3.0 header
- 1x front and 2x backpanel USB 2.0 ports
- 2x **RS232** serial port headers
- Up to 7.1 multichannel (or dual 8-channel) digital audio via HDMI
- Front panel header (with Vcc5/1A, 5Vsby2A, 3.3Vsby/1A)
- **Qualified for 24x7 operation**
- **Delayed AC start; DC overvoltage protection**
- **Display emulation** (headless display, virtual display, persistent displays)
- 12 – 24V<sub>DC</sub> rear jack, internal 2x2 power connector
- Metal chassis, Kensington lock with base security
  - **0~40degC** external ambient operating temperature
  - 19V<sub>DC</sub> 90W power supply adapter with geo-specific AC cords (IEC C5 connector)
  - VESA mounting plate included, with mechanical support for power supply adapter
  - External dipole antennas
  - Chassis dimensions: 254 x 152.4 x 36 mm (plus additional 4.8mm of rubber feet height)
- Microsoft Windows\* 10, Windows 10 IOT Enterprise, compatible with various Linux distros
- Individual brown-box packaging
- **Three Year Product Life Cycle**
- **Three Year Warranty**

## Available SKUs

Mini PC

Kit

Chassis & Board

Board

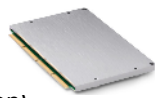


# INTEL® NUC RUGGED CHASSIS ELEMENT (U-SERIES)

“Austin Beach Multi HDMI” Chassis

## Support for Intel® NUC Compute Element

All Compute Elements are supported in Austin Beach (Core i7 vPro, Core i7, Core i5 vPro, Core i5, Core i3, Pentium, Celeron)



- Requires Intel® NUC Compute Element
- Fanless, dust-resistant chassis with I/O board installed; preliminary IP50 rating
- Design implementation: **Multi HDMI** (CMCR1ABC)
- **Dual M.2 22x80 key M** slots for PCIe x4 NVMe and SATA SSDs
- **Six HDMI ports (2x HDMI 2.0a, 4x HDMI 1.4)** with **built-in CEC for all ports**
  - Support for dual 4k@60Hz, or six 1080p@60Hz (dual triple-wide 5760x1080 screens)
- **Intel® Optane™ Memory H10 with Solid State Storage** ready
- **Intel® i219-LM** 10/100/1000 Mbps RJ45 Ethernet
- 1x front and 2x backpanel **USB 3.2 Gen 2** type A ports, 1x internal USB 3.0 header
- 1x front port and 2x internal USB 2.0 headers
- 2x **RS232** serial port headers
- Up to 7.1 multichannel (or dual 8-channel) digital audio via HDMI
- Front panel header (with Vcc5/1A, 5Vsby2A, 3.3Vsby/1A)
- **Qualified for 24x7 operation**
- **Delayed AC start; DC overvoltage protection**
- **Display emulation** (headless display, virtual display, persistent displays)
- 12 – 24V<sub>DC</sub> rear jack, internal 2x2 power connector
- Metal chassis, Kensington lock with base security
  - **0~40degC** external ambient operating temperature
  - 19V<sub>DC</sub> 90W power supply adapter with geo-specific AC cords (IEC C5 connector)
  - VESA mounting plate included, with mechanical support for power supply adapter
  - External dipole antennas
  - Chassis dimensions: 254 x 152.4 x 36 mm (plus additional 4.8mm of rubber feet height)
- Microsoft Windows\* 10, Windows 10 IOT Enterprise, compatible with various Linux distros
- Individual brown-box packaging
- **Three Year Product Life Cycle**
- **Three Year Warranty**

Available SKUs

Mini PC     Kit     Chassis & Board     Board



Pre-Production Samples		
Product Code	MM#	Description
PPCMCR1ABC	999M9H	Austin Beach Chassis - Multi HDMI

Austin Beach: Rugged Chassis and Carrier Board		
Product Code	MM#	Description
BKCMCR1ABA	999M8V	Rugged Chassis: “Expandable” w/no cord
BKCMCR1ABA1	999M93	Rugged Chassis: “Expandable” w/US cord
BKCMCR1ABA2	999M95	Rugged Chassis: “Expandable” w/EU cord
BKCMCR1ABB	999M96	Rugged Chassis: “Dual LAN” w/no cord
BKCMCR1ABB1	999M97	Rugged Chassis: “Dual LAN” w/US cord
BKCMCR1ABB2	999M98	Rugged Chassis: “Dual LAN” w/EU cord
BKCMCR1ABC	999M9A	Rugged Chassis: “Multi HDMI” w/no cord
BKCMCR1ABC1	999M9C	Rugged Chassis: “Multi HDMI” w/US cord
BKCMCR1ABC2	999M9D	Rugged Chassis: “Multi HDMI” w/EU cord

