



Shown with Raspberry Pi® SBC Installed
Display graphics shown for illustration purposes only.

Features

- Designed for use with Single-Board Computers (SBC) from Raspberry Pi®, BeagleBone® and Arduino®
- Includes a HD 7-inch 1024x600 display screen mounted inside the enclosure lid
- Transparent polycarbonate viewing window in lid provides visibility to display screen while enclosure is closed
- Universal mounting bracket for securely mounting the micro computers
- No-Drill RF transparent PVC equipment mounting plate ideal for mounting additional equipment
- No electrical wiring required, (2) internal pre-wired 120VAC power outlets with pre-wired 5 foot 3-prong power cord
- Durable Polycarbonate + ABS construction, weatherproof and UV stable
- Meets NEMA 1, 2, 4, 4X, 12, 13 and IEC 529 IP65, IP66
- Gasketed lid with dual stainless steel latches
- Tamper-Proof locking screw with key and provision for padlock
- Can be mounted using external mounting feet or internal mounting feet
- Pre-installed 4-Port cable gland for use with pre-terminated cables (Ethernet, HDMI, Audio, etc.)
- Includes (2) locking keys, cable grommets, cable glands, zip ties, hook-n-loop tape and wall mounting hardware
- Optional pole mount kits available

Description

The **Altelix Weatherproof Micro Single-Board Computer Enclosure** is designed to protect and power single-board computers such as Raspberry Pi®, BeagleBone®, and Arduino® in outdoor or harsh environments. Built from durable polycarbonate, this NEMA 4X enclosure offers superior protection against rain, and dust as well as protecting them from theft or damage. Simple to install because no wiring is required, simply mount the enclosure and plug the pre-wired 5 foot power cord into a nearby outlet. Internal pre-wired 120VAC power outlets are provided to power your equipment.

Universal Single-Board Computer Mounting Bracket - Mounting inside the enclosure, this mounting bracket provides a wide range of flexibility in mounting SBC devices such as the Raspberry Pi® 4, 3B, 3B+ and Zero models as well as devices from BeagleBone® and Arduino®. Constructed from powder coated steel, this mounting bracket features a printed diagram to show the mounting locations of the different SBC devices. Mounting screws and metal spacers are included. See specification table for compatible models.

7-Inch 1024x600 Display Screen and Viewing Window - Included with this enclosure is a HD 7-inch 1024x600 display screen mounted on the inside lid of the enclosure. This display screen features HDMI, VGA, RCA and USB Type-C inputs as well as built-in speakers. To view this display screen while the enclosure is closed, a clear 4x6 inch viewing window installed in the enclosure lid. Constructed from transparent polycarbonate, this viewing window is UV resistant and will not yellow. A silicone gasket ensures the enclosure meets its NEMA 4X rating.

No-Drill Non-Metallic Equipment Plate - Included with this enclosure is a 10mm thick non-metallic PVC plate for mounting and securing additional equipment. Due to the "No-Drill" design of this PVC plate, mounting equipment can be done simply by using self-tapping screws.

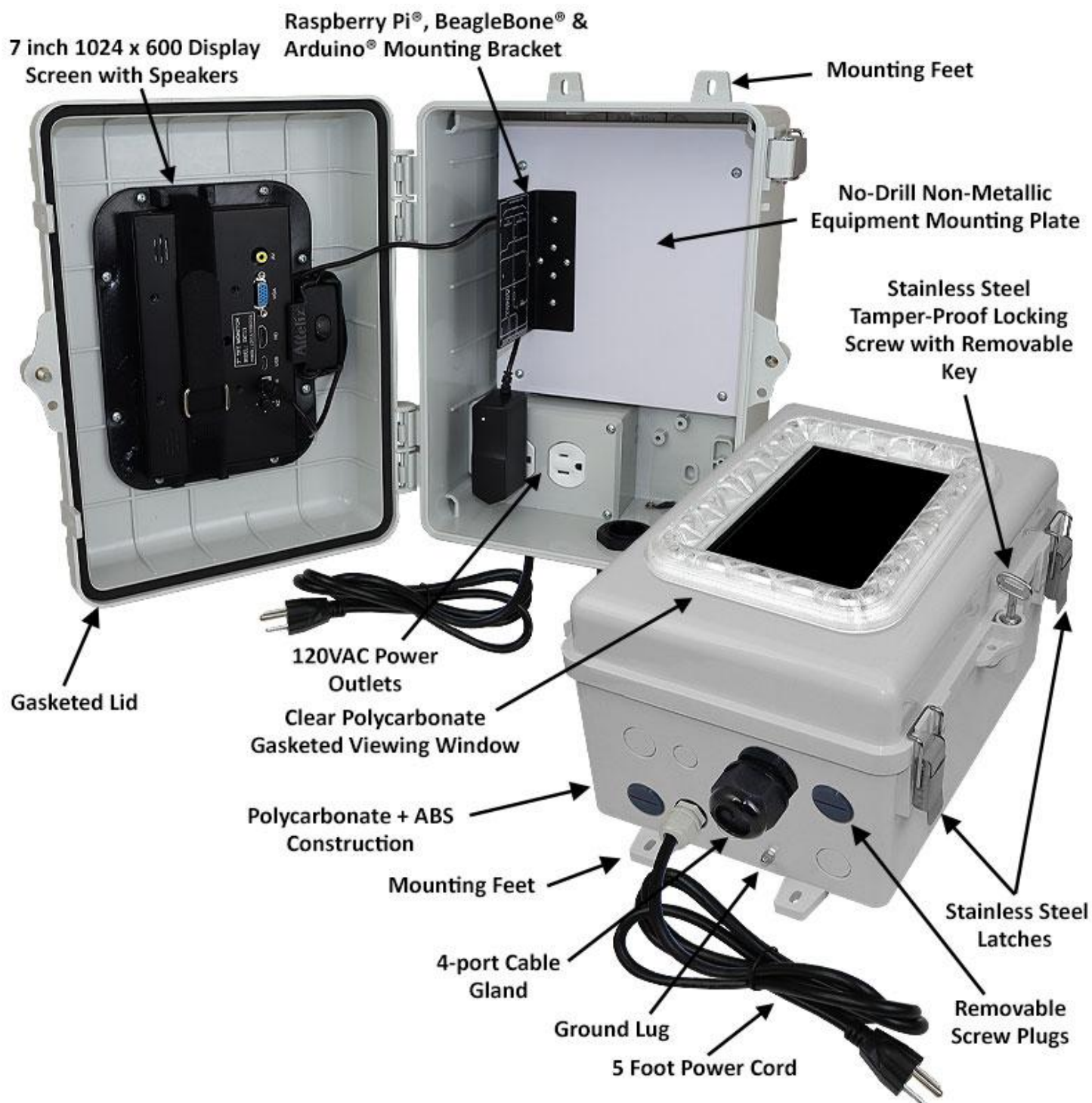
Secure Your Equipment - These NP series enclosures feature a gasketed lid with dual stainless steel quick release latches. A stainless steel security screw with keys and a provision for a padlock are also provided.

Polycarbonate + ABS Protection Built to Last - This enclosure is molded out of UV resistant Polycarbonate + ABS, an industrial grade plastic with greater strength and durability than standard ABS. This enclosure can be easily drilled and modified by the installer to suit unique site requirements. It meets or exceeds NEMA 1, 2, 4, 4X, 12, 13 and IEC 529 IP65, IP66.

Multi-Port Cable Gland - Pre-installed is our unique multi-cable cable gland. This cable gland can accommodate up to four pre-terminated cables such as Ethernet or Audio/Video cables. This helps reduce the number of cable glands needed and allows the cables to be better bundled together. Plugs are provided to seal any unused ports in the cable gland.

Multiple Mounting Options - This enclosure features (4) external mounting feet which can be used for wall mounting or with our optional pole mounting kit. Mounting points are also provided inside the enclosure. These can be easily drilled out and used for applications requiring a more secure installation.

Product Photos



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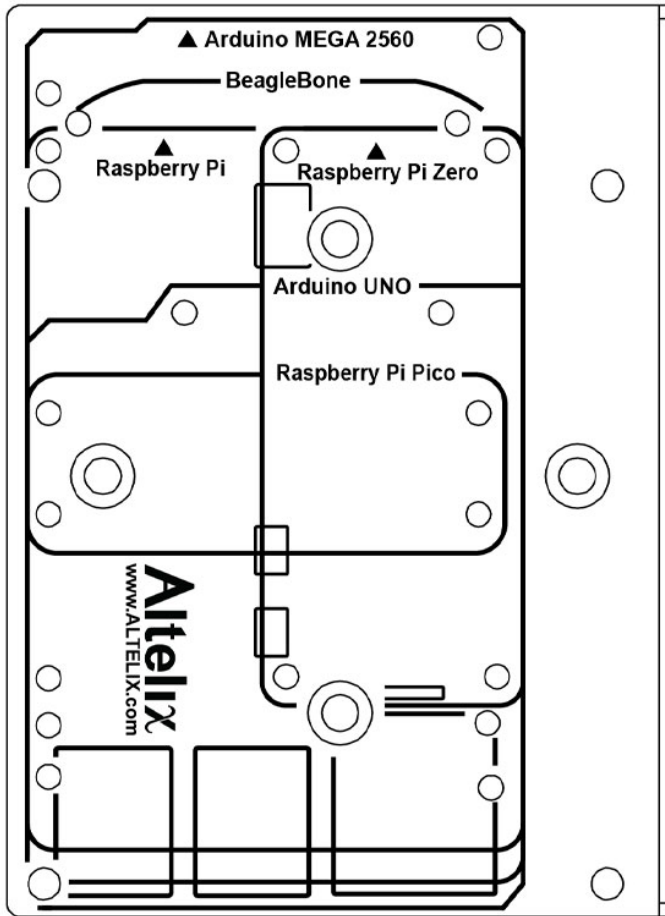


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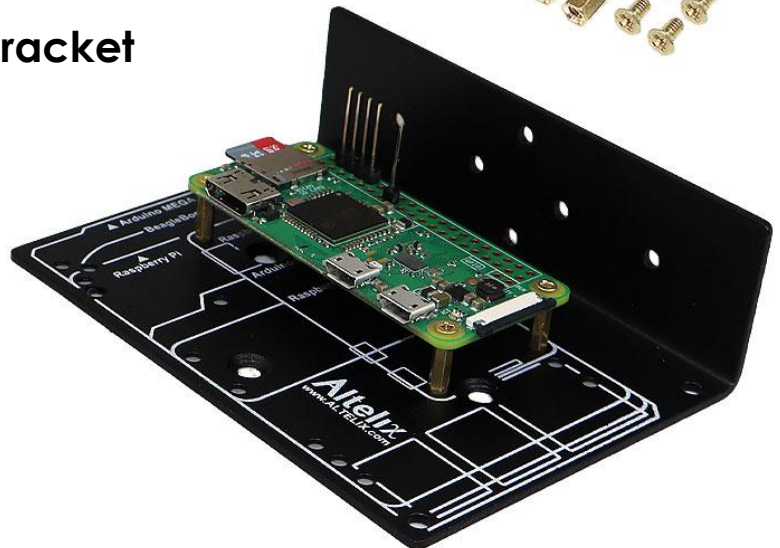


**7-Inch Display Screen Detail
Rear View**

Product Photos



Universal SBC Mounting Bracket



Specifications

Material	PC+ABS Polycarbonate / ABS Blend
Color	Gray
Voltage	120VAC
Max Load	10A @ 120VAC
Outer Dimensions	13.0 x 10.2 x 7.5 Inches (332 x 259 x 191 mm)
Mounting Plate Material	0.40 In. (10 mm) PVC
Weight	6.0 lbs. (2.7 kg)
Power Cord Length	5 Feet (1.5m)
Ratings	Meets NEMA 1, 2, 4, 4X, 12, 13, and IP65, IP66
Flame Rating	Meets UL94-V0
Industry Certifications	CE
Knock-Out Sizes	(3) 0.62 in. (16 mm) (4) 1.02 in. (26 mm) (1) 1.30 in. (33 mm)

Display Screen Specifications

Screen Size	7 inch
Resolution	1024 x 600
Display Inputs	HDMI, VGA, RCA AV, USB Type-C

Single-Board Computer Mounting Bracket Compatible Models

Raspberry Pi®	Pi 2 Pi 3B Pi 3B+ Pi 4	Pi A Pi B+ Pi Zero Pi Pico
BeagleBone®	Black	
Arduino®	UNO, MEGA 2560	

Raspberry Pi® is a trademark or registered trademark of Raspberry Pi, Ltd., BeagleBone® is a trademark or registered trademark of BeagleBone.org, Arduino® is a trademark or registered trademark of Arduino SA

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