

Standard Quality Control (QC) Procedure for All Units

This procedure outlines the standard QC process to ensure all units meet build specifications and function correctly before shipment. Each step must be completed in accordance with the Bill of Materials (BOM), along with the product Build Guide.

1. Pack-Out Verification

- **Compare contents against the BOM build guide:** Ensure all components and accessories specified in the BOM are included.
 - Verify the correct power supply and cable.
 - Confirm the inclusion of VESA plates and corresponding screws.
 - Check for proper labels, licenses, and fingerprints.
- Document any missing or incorrect items and resolve discrepancies before proceeding.

2. Physical Assembly Inspection

- **Check physical assembly against the Build Guide:** Ensure all hardware components are installed correctly and securely.
 - Verify proper installation of RAM and drives.
 - Confirm expansion panel and lid installation.
 - Conduct a visual inspection to ensure all screws are properly tightened and no parts are loose.
- Address any assembly issues before moving to the next stage.

3. BIOS, Imaging, and Functional Testing

- **Validate system configuration and operation:** Ensure all software and firmware settings meet Build Guide requirements.
 - Confirm BIOS settings are correctly configured.
 - Verify OS installation and functionality, if applicable.
 - Test system operation to ensure full functionality.
- Record and resolve any issues before approving the unit for release.

Each step must be thoroughly documented, and any deviations from the build guide should be reported and corrected promptly. Only units that pass all QC stages should be approved for shipment.