

While I cannot generate a downloadable PDF file directly, I have outlined a comprehensive technical datasheet and commercial proposal for the **Allen-Bradley 1756-L61 ControlLogix5561 Processor**. You can easily copy this content into a document editor (like Word or Google Docs) and save it as a PDF.

Technical Specification & Commercial Quote: 1756-L61

1. Product Overview

The **Allen-Bradley 1756-L61** is a high-performance ControlLogix5561 controller designed for demanding industrial automation environments. As part of the Logix5000 family, it provides a scalable controller solution capable of addressing a high volume of I/O points and complex control algorithms.

Key Features

- **Memory:** 2 MB User Memory.
 - **I/O Capacity:** Supports up to 128,000 total digital I/O and 4,000 analog I/O.
 - **Communication:** Integrated RS-232 serial port (DF1, DH-485, ASCII protocols).
 - **Chassis Compatibility:** Installs in any slot of a 1756 ControlLogix chassis.
 - **Programming:** Supports Relay Ladder Logic, Structured Text, Function Block Diagram, and Sequential Function Chart (SFC).
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2. Technical Specifications

Feature	Specification
Part Number	1756-L61
Series	ControlLogix 5561
User Memory	2 MB

I/O Memory	478 KB
Optional Non-volatile Memory	CompactFlash (1784-CF128)
Current Draw (5.1V DC)	1.2 A
Current Draw (24V DC)	14 mA
Power Dissipation	3.5 W
Operating Temperature	0°C to 60°C (32°F to 140°F)
Isolation Voltage	30V (continuous), Basic Insulation Type

3. Communication & Integration

The 1756-L61 is designed to work seamlessly across the NetLinx open network architecture. To connect to Ethernet/IP, ControlNet, or DeviceNet, the controller requires the addition of specific 1756 communication interface modules.

- **Full Support:** Remote I/O, DH+, and third-party process networks.
- **Controller Redundancy:** Supported via the 1756-RM redundancy module.

4. Commercial Offer

Quote Reference: Q-1756L61-2026

Date: February 15, 2026

Item Description	Quantity	Unit Price	Total

Allen-Bradley 1756-L61	1	\$197.00	\$197.00
Logix5561 Processor, 2MB Memory			
Standard Shipping	1	Included	\$0.00
Grand Total			**\$197.00**

Terms and Conditions

- **Condition:** Refurbished/Surplus (Verified for performance).
- **Warranty:** 12-month replacement warranty.
- **Validity:** This price is valid for 30 days from the date of this quote.

5. Maintenance and Battery Info

The 1756-L61 utilizes a replaceable battery to maintain the project memory during power loss.

- **Battery Part Number:** 1756-BA1 or 1756-BA2.
- **Status Indicator:** The "BATT" LED on the front panel will illuminate red when the battery voltage drops below a safe threshold.