

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.

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# 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

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

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### 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.

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### 4. Commercial Offer

**Quote Reference:** Q-1756L61-2026

**Date:** February 15, 2026

Item Description	Quantity	Unit Price	Total

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

### 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.

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## 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.