

## Anybus CompactCom 40 Brick EtherNet/IP - Transparent Ethernet

Item number: AB6778-D

The Anybus CompactCom 40 EtherNet/IP - Transparent Ethernet is a communication interface that can be embedded into any industrial device or machine to enable communication with EtherNet/IP networks. The pluggable design enables integration late in the assembly process, the addition of specific network connectors, and compliance with protection class requirements.



*Enable communication between industrial devices and EtherNet/IP networks*

### Features and benefits

- ✓ **High performance**  
Powered by the award-winning NP40 network processor, the Anybus CompactCom guarantees fast data transfer and low latency, making it ideal for the most demanding industrial applications.
- ✓ **Quick time to market**  
HMS provides comprehensive support throughout the integration journey, ensuring a quick time to market.
- ✓ **Life cycle management**  
HMS maintains every part of the Anybus CompactCom, including network updates, throughout the product's lifecycle.
- ✓ **Fully embedded – meet IP requirements**  
The brick can be fully embedded within your product, conserving valuable space, and enabling you to provide IP class-certified protection.
- ✓ **Transparent Ethernet channel**  
Includes a Transparent Ethernet channel, allowing users to tap into the potential of their high-end processors for developing personalized IT functions.
- ✓ **Versatile Event-Based Hardware Interfaces**  
Enjoy fast and flexible event-based application hardware interfaces with the option to choose from 8/16-bit parallel or high-speed SPI, and I/O via the shift register interface.
- ✓ **ODVA pre-certified**  
Pre-certified with ODVA for network compliance, enabling faster network certification.
- ✓ **Design flexibility**  
Add your own connectors and peripherals, offering design flexibility that matches your unique needs.
- ✓ **Robust Security Measures**  
Mandatory software signatures prevent unauthorized downloads to the Anybus CompactCom, while robust encryption techniques safeguard against illicit copying.
- ✓ **Supports hardware changes**  
Possible to swap or install late in the manufacturing process.

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## General

|                              |   |
|------------------------------|---|
| Net Width (mm)               | 36  |
| Net Height (mm)              | 8   |
| Net Depth (mm)               | 36  |
| Net Weight (g)               | 23  |
| Packed Weight (g)            | 23  |
| Operating Temperature °C Min | -40   |
| Operating Temperature °C Max | 85  |
| Storage Temperature °C Min   | -40   |
| Storage Temperature °C Max   | 85  |
| Input Voltage (V)            | 3.3 VDC, +/- 0.15 VDC   |
| Application Interface        | 8/16-bit parallel (30 ns access) High speed SPI, baudrate configurable up to 20 MHz I/O (shift register interface, cyclical update time 82 µs) UART (for backwards compatibility with 30-series, max 625kbps) |
| Content of Delivery          | CompactCom B40 module   |
| Mounting                     | PCB mounting via a customized CompactFlash connector  |
| Warranty (years)             | 1 year  |

## Identification and Status

|   |            |
|---|------------|
| Product ID                                  | AB6778-D   |
| Country of Origin                           | Sweden     |
| HS Code                                     | 8517620000 |
| Export Control Classification Number (ECCN) | EAR99      |

## Physical Features

|             |                   |
|-------------|-------------------|
| Form Factor | Brick (pluggable) |
|-------------|-------------------|

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## Certifications and Standards

|                |         |
|----------------|---------|
| UL Information | E214107 |
|----------------|---------|