



**Order number:** 15000625

**Open text field 2:** Embedded Industrie-PC der EmbeddedLine-Serie,  
Intel Celeron J6412

**Manufacturer:** Protech

**Weight:** 2 kg

## BS-U830

### Price on request

Prices plus VAT [plus shipping costs](#)

Delivery time: upon request

### Product information "BS-U830"

Booksize Embedded PC for professional use Industrial computer in sturdy aluminium housing Designed for industrial applications in continuous operation Easy installation with mounting bars or DIN Rail kit Long-term availability

|                              |                                          |
|------------------------------|------------------------------------------|
| article group specification: | 150                                      |
| Manufacturer:                | PT                                       |
| Matchcode manufacturer:      | nein                                     |
| Manufacturer:                | Protech                                  |
| series name:                 | EmbeddedLine                             |
| Manufacturer item number:    | BS-U830                                  |
| mechanics:                   | Embedded-PC                              |
| dimensions width:            | 21,75                                    |
| dimensions height:           | 5,0                                      |
| dimensions depth:            | 14,06                                    |
| weight:                      | 2                                        |
| Material housing:            | Aluminium und Stahlblech / aluminium and |
| protection device:           | IP20                                     |
| colour:                      | schwarz / black                          |
| controls:                    | 2 Keys: Power, Reset                     |
| wall mounting:               | Optional / optional                      |
| DIN-Rail:                    | Optional / optional                      |
| cooling:                     | lüfterlos / fanless                      |
| CPU Typ :                    | Celeron                                  |
| CPU Model :                  | J6412                                    |
| CPU 64bit :                  | Ja                                       |
| CPU speed:                   | 2,0 GHz                                  |

|                            |                               |
|----------------------------|-------------------------------|
| CPU cores:                 | 4                             |
| CPU socket:                | FCBGA1493                     |
| CPU alternative option 1:  | Intel Atom x6212RE            |
| CPU alternative option 2:  | Intel Atom x6425RE            |
| RAM size (MB):             | 8192                          |
| RAM max. size (MB):        | 32768                         |
| RAM Number of benches:     | 1                             |
| RAM Typ :                  | SO-DDR4                       |
| RAM speed:                 | 3200                          |
| Grafik Controller:         | Intel UHD Gen 10 Graphics     |
| HDD design:                | 2.5"                          |
| HDD max. number:           | 1                             |
| SSD design:                | M.2                           |
| SSD max. number:           | 1                             |
| SSD capacity (GB):         | 256                           |
| Display:                   | 1x DP, 1x HDMI                |
| USB :                      | 2x USB 3.0, 3x USB 2.0        |
| LAN:                       | 2x RJ45 - 10/100/1000 Mbps    |
| Audio :                    | Line-Out                      |
| Seriell :                  | 1 x RS-232/422/485            |
| SIM Card Slot :            | Ja / yes                      |
| controls:                  | Power On/Off                  |
| USB :                      | 2 x USB 2.0                   |
| LAN :                      | 2x RJ45 - 10/100/1000 Mbps    |
| serial:                    | 1 x RS-232/422/485            |
| Digitale I/O :             | 1 x 6in / 6out                |
| voltage input DC:          | 12-24 V/DC                    |
| power adapter:             | 100 - 240 V/AC, 4-pin, extern |
| WLAN:                      | Optional / optional           |
| operating-system support:  | Optional / optional           |
| operating temperatur min.: | -40°C                         |
| operating temperatur min.: | 60°C                          |
| warranty:                  | 24 Monate / 24 months         |

## Related links to "BS-U830"

- [- Do you have any questions concerning this product?](#)
- [- Further products by Protech](#)

## Available downloads:

- [Download CE Konformitätserklärung DoC IPC BS-U830.pdf](#)
- [Download CE\\_Embedded Industrial PC BS-U830 Instruction manual \(english\) 26032024.pdf](#)
- [Download CE\\_Embedded Industrial PC BS-U830 Istruzioni per l'uso \\_italiano\\_ 26032024.pdf](#)

[Download Drawing Embedded PC BS-U830.pdf](#)

[Download CE\\_Embedded-Industrie-PC BS-U830 Gebrauchsanleitung 26032024.pdf](#)