



## Modular Vision Ultra 15.6

15" PCAP IP66 HMI compatible with multiple COM Express Type 6 modules

**A flexible HMI platform designed to simplify product evolution, reduce redesign effort and accelerate time-to-market**



### HIGHLIGHTS

#### SYSTEM CONFIGURATION

Includes 15.6-inch display and carrier board assembled, power supply, open-frame mechanics for panel mounting.  
Compute performance can be selected through a compatible COM Express module.



#### CONNECTIVITY

2 x USB 2.0;  
3x USB 3.0



#### DISPLAY

15.6" Full HD PCAP touchscreen,  
400 cd/m<sup>2</sup> brightness

Compatible COM Express modules:

Powered by



### MAIN FIELDS OF APPLICATION



Industrial  
Automation



Retail



Smart Buildings &  
Smart Cities

### FEATURES

|                  |                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                 |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| Processor        | Module to be selected separately.<br>Compatible COM Express Type 6 modules from SECO's portfolio: <ul style="list-style-type: none"> <li>• SOM-COMe-CT6-Dragonwing-IQ-X</li> <li>• SOM-COMe-BT6-PTL</li> <li>• SOM-COMe-BT6-MTL</li> <li>• SOM-COMe-BT6-ARL</li> <li>• SOM-COMe-CT6-ASL</li> <li>• SOM-COMe-CT6-R8000</li> <li>• SOM-COMe-CT6-PI0</li> </ul> | Networking Up to 2x power ethernet<br>(depending on the selected COM Express module)                            |
| HMI              | 15.6" display<br>Resolution: 1920 x 1080<br>LED lifetime: 50K hours<br>Brightness: 400 cd/m <sup>2</sup><br>P-Cap (Projected Capacitive) touch screen<br>3.0 mm chemically strengthened cover glass                                                                                                                                                          | USB 2x USB 2.0 type-A sockets<br>3x USB 3.0 type-A socket                                                       |
| Video Interfaces | 1 x DisplayPort<br>2 x Mini DisplayPort<br><br>Resolution up to 4K (depending on the selected COM Express module)                                                                                                                                                                                                                                            | Other Interfaces PCAP touch<br>IP65 front face<br>Panel mounting brackets included                              |
|                  |                                                                                                                                                                                                                                                                                                                                                              | Power Supply AC/DC Power Supply 24Vdc 120W included                                                             |
|                  |                                                                                                                                                                                                                                                                                                                                                              | Operating System Microsoft® Windows 11 IoT Enterprise<br>Clea OS (depending on the selected COM Express module) |
|                  |                                                                                                                                                                                                                                                                                                                                                              | Operating Temperature 0°C to +50°C *                                                                            |
|                  |                                                                                                                                                                                                                                                                                                                                                              | Dimensions 407.5 x 259.5 x 52.4 mm                                                                              |

\*Measured at any point of the heat spreader/heatsink during any and all times (including start-up).  
Actual temperature will widely depend on application, enclosure and/or environment.  
Upon customer to consider specific cooling solutions for the final system to keep the heat spreader temperature in the range indicated.



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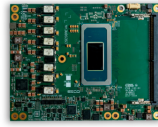
### Compatible COM Express® modules

Explore the compatible COM Express® modules and choose the compute option that best fits your HMI design, integration requirements and product roadmap.  
Use each module page to review the full specifications.



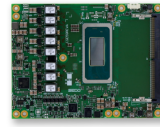
#### **SOM-COMe-CT6-Dragonwing-IQ-X**

Qualcomm Dragonwing IQ-X with Qualcomm Hexagon NPU, up to 45 TOPS for efficient edge AI



#### **SOM-COMe-BT6-PTL**

Intel Core Ultra Series 3 processors (Panther Lake-H) with integrated NPU for AI-enabled HMIs



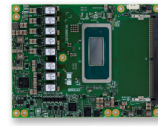
#### **SOM-COMe-BT6-MTL**

Intel Core Ultra processors (Meteor Lake-H/-U) for graphics-rich, high-performance HMIs



#### **SOM-COMe-CT6-ASL**

Intel Atom x7000RE Series processors (Amston Lake) for power-efficient, always-on x86 HMIs



#### **SOM-COMe-BT6-ARL**

Intel Core Ultra processors (Series 2, Arrow Lake-H/-U) for demanding compute and graphics workloads



#### **SOM-COMe-CT6-R8000**

AMD Ryzen Embedded 8000 Series with Zen 4 cores, RDNA 3 graphics and integrated XDNA NPU



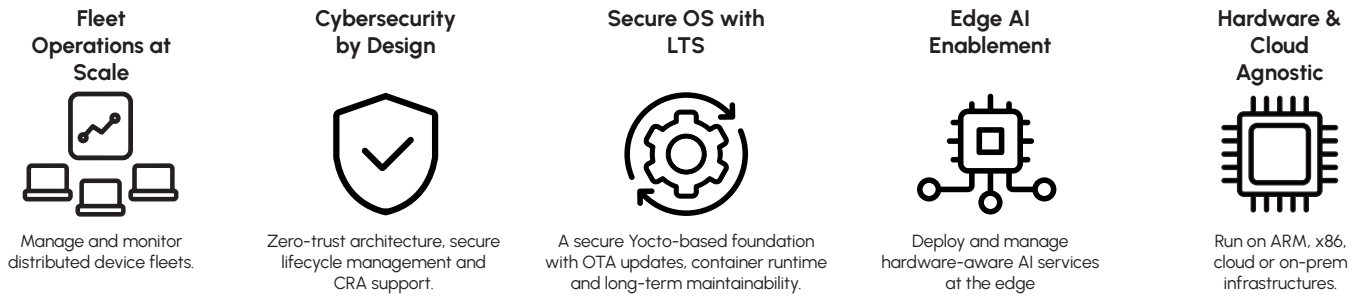
#### **SOM-COMe-CT6-P100**

AMD Ryzen AI Embedded P100 Series with Zen 5 cores, RDNA 3.5 graphics and up to 50 TOPS NPU



# Build, Deploy and Maintain Secure Edge Products at Scale.

The secure framework for industrial edge devices, combining fleet operations, cybersecurity, data orchestration and Edge AI enablement.



## From Development to Operations

Clea supports the entire product lifecycle, from embedded software development and deployment to fleet operations, maintenance and continuous updates.

