A data-centric AI approach provides a systematic method for improving data, reaching a consensus on the data, and cleaning up inconsistent data. With such an approach, teams can work in parallel and directly influence the data used for the AI system. By removing unnecessary back and forth among groups and looping in human input at the point where it’s needed most, the result is reduced development time.

Lanner works with Landing AI to bring the deep learning-based visual inspection to all industries. Pre-validated with LandingLens, the world’s leading Industrial AI Vision Inspection Platform, Lanner’s Edge AI appliances can enable end-to-end, data-centric visual inspection with small dataset, changing environments and requirements. LandingLens makes deep learning deployment easier, faster, and more effective, helping to increase throughput, maintain product quality, and drive revenue.

**Edge AI Computer LEC-2290E**

- Intel® Core™ i7-8700 & Intel® Xeon® E-2278GEL
- 2x DDR4 2133/2400 SO-DIMM, Max. 64GB
- 2x RJ45, 4x PoE, 4x USB3.0, 6x COM, 8x DIO
- 2x Removable HDD/SSD External Slot w/ RAID, 1x mSATA
- 1x PCIe*16 & 1x PCIe*4

**APPLICATIONS**

- **ELECTRONICS**
  - Wafer and Die Inspection
  - Solder quality/SMT inspection
  - PCB build validation
  - Component inspection

- **AUTOMOTIVE**
  - Weld inspections
  - Dispensing/coating verification
  - Glass/scratch inspection
  - Condition/asset-based monitoring

- **MEDICAL AND PHARMACEUTICAL**
  - Pill inspection / Vial Counting
  - Vial contamination inspection
  - Medical device seal inspection
  - Final assembly verification

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LandingLens, an industry-first, data-centric, deep learning inspection platform, helps improve accuracy and reduce false accepts and false rejects in critical quality tasks like defect or feature analysis and classification, and anomaly detection. The end-to-end platform standardizes deep learning implementations to reduce development time and scale projects easily to multiple facilities across the globe.

- **Makes computer vision super easy** - LandingLens is an intuitive software platform that makes an AI/deep learning-based computer vision easy.

- **Flexible deployment and continuous improvement** - Cloud and edge device deployment capabilities makes integration into existing environments easy. Deploy and test your model with just a few mouse clicks.

- **Data-Centric AI delivers accurate models faster** - Data-Centric AI makes model work with small datasets, by ensuring data quality.

- **Scaling projects faster** - From a single production line to worldwide operations, LandingLens makes scaling projects simple.

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For LandingLens
Contact Landing AI Sales represent: https://landing.ai/contact-sales/

For LandingLens Certified IPC

<table>
<thead>
<tr>
<th>Product</th>
<th>Processor System</th>
<th>AI Acceleration</th>
<th>Memory</th>
<th>Storage</th>
<th>Ethernet</th>
</tr>
</thead>
<tbody>
<tr>
<td>LEC-2290E</td>
<td>Intel® Core™ i7-8700 (Codename Coffee Lake S)</td>
<td>NVIDIA A2</td>
<td>32GB</td>
<td>2x Swappable SATA III Drive</td>
<td>2x RJ45, 4x PoE</td>
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<td>Expansion</td>
<td>Power</td>
<td>Mechanical</td>
<td>Environment</td>
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<td></td>
<td>1x PCIe<em>16 &amp; 1x PCIe</em>4, 1x Mini-Pcie, 1x B Key M.2</td>
<td>9-30 VDC</td>
<td>275 x 115 x 225 mm</td>
<td>0°C-40°C</td>
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</tr>
</tbody>
</table>

www.lannerinc.com / tom_fong@lannerinc.com

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