ONLOGIC

IGL150

High Performance Industrial IGEL Ready Thin Client

The IGL150 features 10th Gen Intel® Comet Lake processing in a fanless, solid state IGEL Ready thin client.
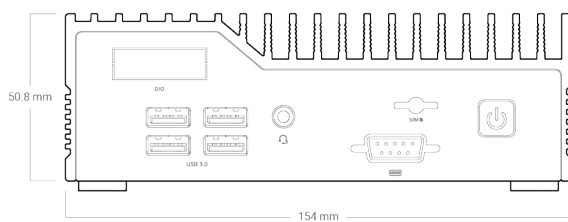
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Powerful IGEL Ready Thin Client

With an impressive performance to size ratio, the IGL150 IGEL Ready thin client is ready to provide desktop processing performance in a dependable and silent fanless footprint. Powered by Intel Comet Lake Celeron or Core processing, the IGL150 can accommodate up to 64 GB of RAM (contact us for more details), a nd has room for dual SSDs (including NVMe options).

Designed To Depend On

Engineered to survive where other thin clients would fail, the IGL150 allows you to extend IGEL OS into locations you may not have thought possible. Fanless construction and 0-50°C operating temperature range allows the IGL150 to operate 24/7 with long term reliability and power. RoHS, FCC and CE certified, the IGL150 IGEL Ready thin client is prepared to meet the computing needs of you or your end user.

Small Size, Impressive I/O

The IGL150 IGEL Ready thin client provides versatile connectivity, with triple independent display support, eight USB ports, dual Gb LAN with vPro/AMT (depending on the processor selected), available COM port and wide-input 12-24V power with voltage protection. With it's small size, high performance and versatile connectivity, the IGL150 is ideal for thin client power users.

50.8 mm

154 mm

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System

Processor	Intel® Comet Lake Core i3/i5/i7/i9
Processor Speed	Up to 3.20 GHz (G5900T) Up to 3.00 GHz (i3-10300T) Up to 2.30 GHz (i5-10500) Up to 2.0 GHz (i7-10700T) Up to 1.90 GHz (i9-10900T)
Processor Socket	LGA1200
Processor Generation	Comet Lake
Processor Cores	Up to 10 (processor dependent)
Chipset	Intel Q470
Graphics/GPU	Intel UHD Graphics 630
Memory Type	Up to 64 GB
Memory Capacity	64 GB
Memory Slot Count	2
Number of Displays Supported	3

Rear I/O

Ethernet	2 Gb LAN ports
USB	2 USB 3.2 Gen 2 ports 2 USB 3.2 Gen 1 ports
Video	3 DisplayPorts
Power	1 12 ~ 24 V, 4-pin DC jack (Terminal block input optional)

Front I/O

USB	4 USB 3.2 Gen 2 ports
Serial	1 COM port (optional)
Port Punchouts	6 Antenna holes (on left side)
Other	1 Power button 1 SIM Card slot 1 Audio jack; line-out, mic-in

Expansion & Features

Expansion Options	1 M.2 2280/60/3042 B-Key (PCIe x2 USB 3.2 5b/s SATA) 1 M.2 2230 E-key (Wi-Fi)(PCIe/USB 2.0/CNVi) 1 mPCIe (PCIe x1/USB 2.0) 1 M.2 2280 M-Key (PCIe x 4 SATA III)
Storage Options	1x M.2 2280 M-key (PCIe x 4/SATA III) 1x M.2 2280/60/3042 B-Key (PCIe x2/USB 3.2/5Gbs SATA)
Input Voltage	12-24 VDC *
Power Input	4-pin Mini-DIN connector type 4-pin terminal block (optional)

Mechanical

Dimensions (WxHxD)	154 x 50.8 x 210 mm (6.06 x 2 x 8.27")
Case Type	Fanless
Case Material	Aluminum
Mounting Options	DIN-mount VESA-mount Wall-mount

Environmental & Regulatory

Operating Temperature	0 - 50°C

Other

Warranty	2 Year Limited Warranty on parts and services
Notes	* In certain configurations, this system supports 8-24 V input. Please contact us to learn more.

IGL150 Dimensional Drawings

Intel® 10th Gen Comet Lake Industrial Edge Computer   All measurements in mm