

e-catalog

---

# HyIMAGE Pro V6 series

Rev.0

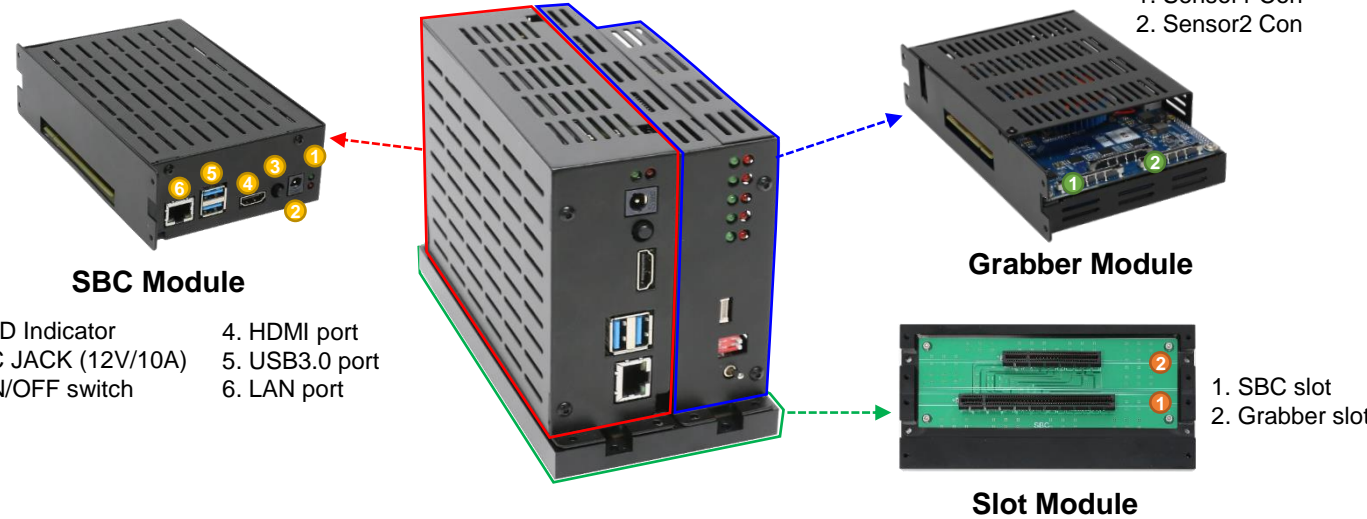
May 2020

# HyIMAGE Pro V6 series (Released in 2020)

## V6\_SBC (Single Board Computer)

\* Modular Architecture

Board Type	COM Express Basic type6 + Carrier Board
CPU	Intel Core I7 – 8 <sup>th</sup> Generation (i7-8850H)
Memory	DDR4 SODIMM 2Slot, 8GB/16GB (Optional)
SSD	m.2NVMe PCIeGen3x4 250GB/500GB/1TB (Optional)
OS	Microsoft Windows 10 IoT Enterprise 2019LTSC -With license
Interface	1x GbE LAN / 2x USB3.0 / 1x HDMI Power switch button, Indicator LED x2
PCIe	PCIe Gen3 x16 for Grabber board
Dimension	44.6 x 170 x 103mm(WDH) -With case
Power	DC 12V / 10A



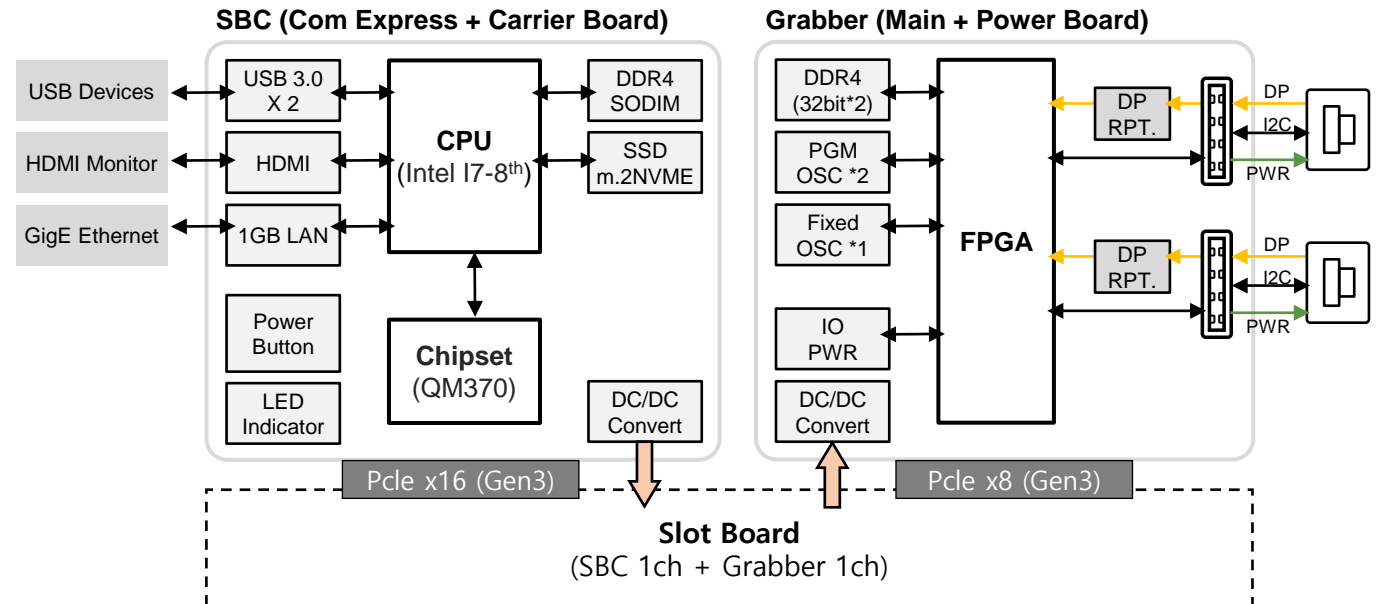
## V6\_Dual\_Grabber (TBD)

\* Modular Architecture

Interface	Sensor : Dual DP & I2C / PC : PCIe x8 (Gen3)
Optic Spec.	Data rate : 1,2,3 and 4 lane, up to 9.6Gbps per lane
Sensor Power	12ch fixed (4.5V / 1A, each channel)
Sensor Clock	Programmable(1M ~ 100Mhz) * 2ea
Frame Memory	DDR4 * 2ea per Channel
Support function	Aux-less support / ALPM support
OS Test	Support (TBD)
Dimension	37 x 170 x 103mm(WDH) -With case

## Slot

Slot Channel	SBC(x16) to Grabber(x8) 1EA
Module Size	1CH : 90 x 170 x 16mm (WDH)
Total Size	1CH : 90 x 170 x 114mm (WDH)

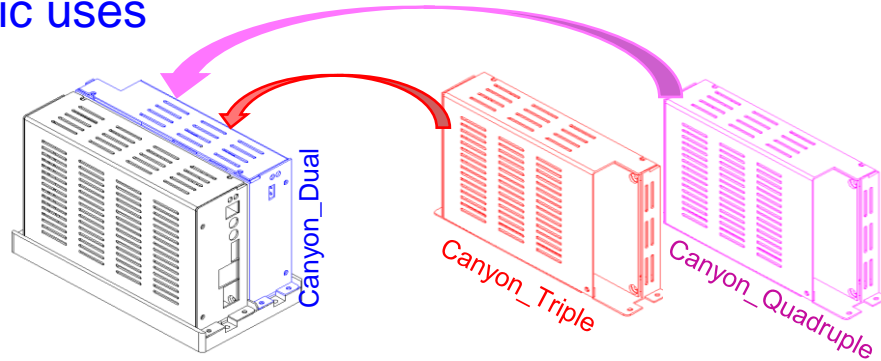


## HyIMAGE Pro V6 series (Released in 2020)

### <ADVANTAGES : Modular and Highly Flexible with a Solid Design>

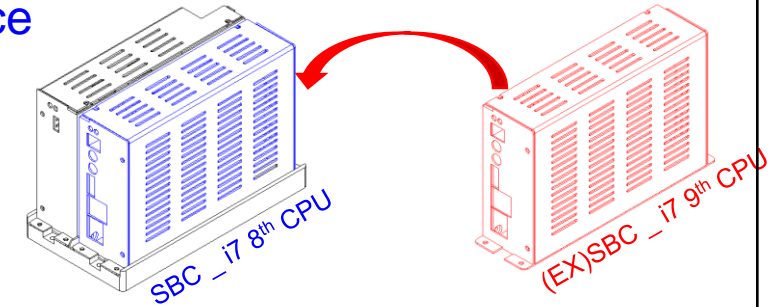
Advantage1

**Replacable Grabber**  
for specific uses



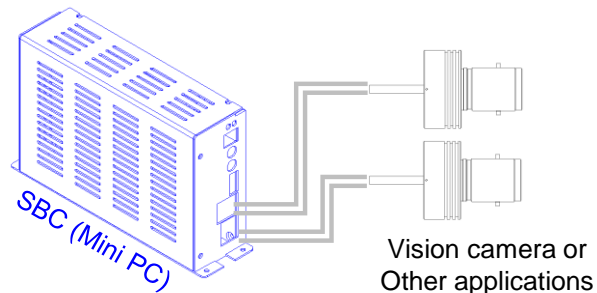
Advantage2

**Replacable SBC**  
for upgrading  
CPU performance



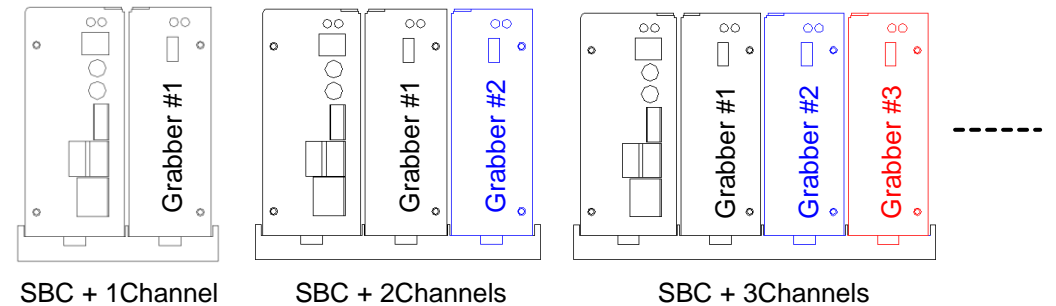
Advantage3

**SBC = A Mini PC**



Advantage4

**Multi Grabbers**





# Thank you