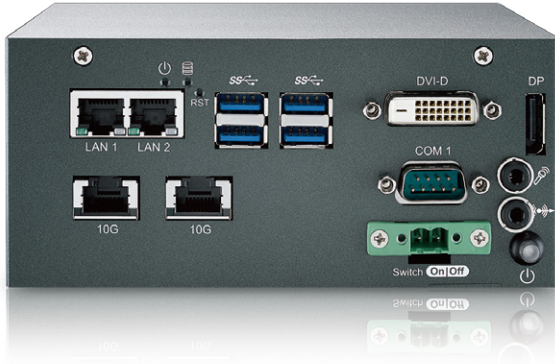


SPC-3055

10GigE

Intel® Core™ i7/i5/i3 U-series Processor (Skylake-U) Ultra-compact Embedded Box PC, 2 GigE LAN, 2 10 GigE LAN, 2 SSD, 1 SIM, 4 USB 3.0, 5 COM, High Performance, EN50155, EN50121



- Intel® Core™ i7/i5/i3 U-series SoC (Skylake-U)
- DDR4 2133MHz memory, up to 16GB
- Onboard DVI-D and DisplayPort display interfaces support up to 4K resolution
- 9V to 36V DC Power Input

- Dual 10 GigE LAN, up to 10Gbps data rate
- 2 Independent GigE LAN, iAMT 11.0
- 4 USB 3.0, 5 COM RS-232/422/485
- Supports 3G/4G/LTE/WiFi/GPRS/UMTS
- All-in-one integrated, Compact, Cableless



Machine Vision



In-Vehicle Infotainment



Smart Manufacturing



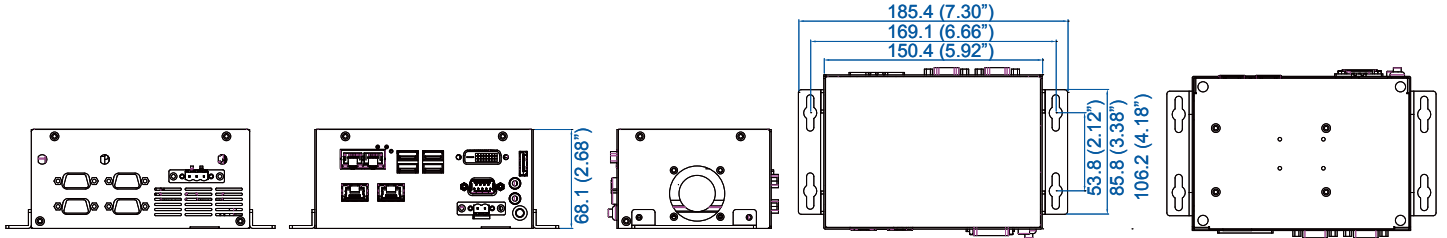
Intelligent Surveillance



Robot Control



Dimensions & Drawing Unit: mm (inch)



Specifications

System

Processor	Intel® Core™ i7/i5/i3/Celeron® U-series Processor (Skylake-U)
Chipset	Intel® SoC (Skylake)
BIOS	AMI
SIO	IT8786E
Memory	1 DDR4 2133MHz SO-DIMM, up to 16GB

I/O Interface

Serial	5 COM RS-232/422/485 (ESD 8KV)
USB	<ul style="list-style-type: none"> • 4 USB 3.0 (External) • Up to 4 USB 2.0 (Internal)
LED	Power, HDD
SIM Card	1 SIM Card Socket (Internal)

Expansion

Mini PCIe	2 Mini PCIe Socket : <ul style="list-style-type: none"> • 1 Full-size for PCIe/USB/Internal SIM Card • 1 Full-size for PCIe/USB/mSATA
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Graphics

Processor Interface	Intel® HD Graphics 520 <ul style="list-style-type: none"> • DVI-D : Up to 1920 x 1080 @ 60Hz • DisplayPort : Up to 3840 x 2160 @ 60Hz
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Storage

SATA	2 SATA III (6Gbps) support S/W RAID function
mSATA	1 SATA III (Mini PCIe Type, 6Gbps)
Storage Device	2 2.5" SSD/ HDD Bracket (Internal)

Audio

Audio Codec	Realtek ALC892, 5.1 Channel HD Audio
Audio Interface	1 Mic-in, 1 Line-out

Ethernet

LAN 1	Intel® I219 GigE LAN supports iAMT 11.0
LAN 2	Intel® I210 GigE LAN

10G Ethernet

LAN 3	Intel® X550-AT2 10 GigE LAN
LAN 4	Intel® X550-AT2 10 GigE LAN

Power

Power Input	9V to 36V, DC-in
Power Interface	3-pin Terminal Block : V+, V-, Frame Ground
Remote Switch	2-pin Terminal Block

Others

Watchdog Timer	Reset : 1 to 255 sec./min. per step
Smart Management	Wake on LAN, PXE supported
HW Monitor	Monitoring temperature, voltages. Auto throttling control when CPU overheats.

Software Support

OS	Windows 10, Windows 8.1, Windows 7, Linux
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Mechanical

Dimensions (WxLxH)	150mm x 106mm x 68mm (5.9" x 4.2" x 2.7")
Weight	1.8 kg (3.97 lb)
Mounting	<ul style="list-style-type: none"> • Wallmount by mounting bracket • DIN Rail Mount • 2U Rackmount (Optional)

Environment

Operating Temperature	-40°C to 55°C (-40°F to 131°F)
Storage Temperature	-40°C to 85°C (-40°F to 185°F)
Humidity	5% to 95% Humidity, non-condensing
Relative Humidity	95% @ 55°C
Shock	<ul style="list-style-type: none"> • IEC 60068-2-27 • SSD : 50G @ wallmount, Half-sine, 11ms • IEC 60068-2-64
Vibration	<ul style="list-style-type: none"> • SSD : 5Grms, 5Hz to 500Hz, 3 Axis
EMC	CE, FCC, EN50155, EN50121-3-2

Order Information

SPC-3055	• SPC-3000, onboard Intel® Core™ i7-6600U, 2 GigE LAN, 2 10G RJ45, 1 SSD, 4 USB 3.0, 5 COM, 1 SIM
DDR4 16G	• Certified DDR4 16GB 2133MHz RAM
DDR4 8G	• Certified DDR4 8GB 2133MHz RAM
DDR4 4G	• Certified DDR4 4GB 2133MHz RAM
PWA-120W	• 120W, 24V, 90V AC to 264V AC Power Adapter with 3-pin Terminal Block
PWA-160W-WT	• 160W, 24V, 85V AC to 264V AC Power Adapter with 3-pin Terminal Block, Wide Temperature -30°C to +70°C
TMBK2-20P-100	• Terminal Block 20-pin to Terminal Block Cable, 100cm
TMBK2-20P-500	• Terminal Block 20-pin to SCSI Cable, 500cm
TMB-TMBK-20P	• Terminal Board with One 20-pin Terminal Block and DIN-Rail Mounting
VESA Mount	• VESA Mounting Kit
DIN-RAIL	• DIN Rail Kit
Rack Mount	• 2U Rackmount Kit
3G Module	• Mini PCIe 3G/GPS Module with Antenna
4G Module	• Mini PCIe 4G/GPS Module with Antenna
WiFi & Bluetooth Module	• Intel® Mini PCIe WiFi & Bluetooth Module with Antenna