DS-280

6th Generation Intel® Core™ i7/i5/i3 OPS Player with Triple 4K Output

Windows Embedded Windows 7 Windows 8.1 Windows 10

intel IoT Solutions Alliance Premier

Features

- 6th Intel® Core™ i7-6822EQ/ i5-6442EQ/ i3-6102E processor
- Dual channel DDR4-2133 SO-DIMM, up to 32 GB
- 3 independent displays by HDMI 2.0, DP1.2 and rear JAE connector
- Supports Real 4K resolution (4096x2130@60Hz) by front HDMI2.0 & DP1.2
- Supports Microsoft Windows 10 with proven compatibility
- Easy installation and maintenance with Intel® OPS slot-in design

McAfee Acronis WISE-PaaS/RMM WebAccess/IMM

Specifications

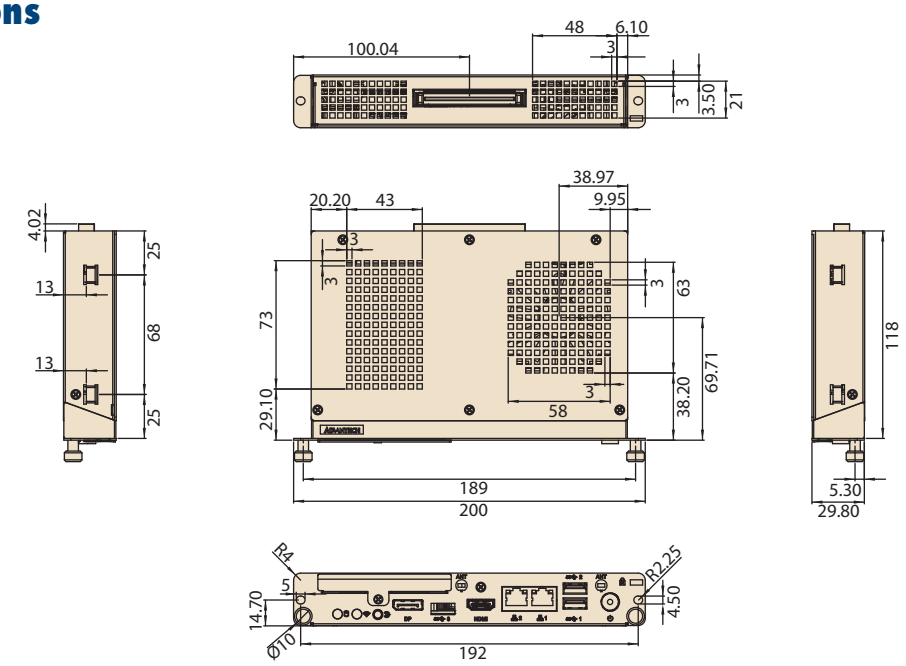
Processor System	CPU	Intel Core i7-6822EQ/ i5-6442EQ/ i3-6102E (AMT function supported via i7 or i5 processor)
	System Chipset	Intel QM170
	BIOS	AMI uEFI 128 Mbit
Memory	Technology	2 x DDR4 260-pin SODIMM
	Max. Capacity	32GB (16GB per SODIMM)
Display	Controller	CPU integrated
	Graphic Engine	Intel HD graphics 530
	Video format	H.265/HEVC, H.264/AVC, MPEG2, VC1/WMV9, VP8, JPEG/MJPEG, VP9
	Output	1 x HDMI, 1 x DP, 1 x 80-pin JAE connector
	Max. Resolution	4096 x 2160 @ 60Hz
Storage	SATA	1 x 2.5" SATAIII (7mm height only) 1 x mSATA via mini-PCIe
I/O Interface	JAE Connector	1 (JAE TX25A 80-pin, supports HDMI1.4/DP1.2, UART TxRx, 1 x USB3.0, 2 x USB2.0, Audio-out)
	HDMI2.0 (front)	1
	DP1.2 (front)	1
	LAN (RJ-45)	2 (LAN1: Intel I219LM; LAN2: Intel I211), wake on LAN supported
	USB	3 x USB3.0
	Audio	1 x Line-out (Realtek ALC892, High Definition Audio; supports Jack Sense via OS setting)
	Full-size mini-PCIe (Internal)	1 (for optional WIFI, 3G, LTE module/ mSATA)
	SIM slot (Internal)	1
Power Requirement	Management	ACPI 3.0
	Power Consumption	Max.: 26.12W; Idle: 6.35W (input: 12V DC-in, i7-6822EQ) Max.: 28.80W; Idle: 6.46W (input: 19V DC-in, i7-6822EQ)
	Input Type	ATX/ AT mode
	Input Voltage	12V ~ 19V DC-in (via OPS interconnection)
Watchdog Timer	Output	Interrupt, system reset
	Interval	Programmable 1~255sec. by SUSI4.0 API
Physical Characteristics	Dimensions (W x H x D)	200 x 30 x 119 mm (OPS compliant)
	Weight	1.5 kg (3.3 lb.)
Environment	Operating Temperature	0° C ~ 40° C (32~104° F) w/ HDD; 0° C - 50° C (32~122° F) w/ SSD
	Relative Humidity	95% @ 40° C (non-condensing), Operating
	Vibration Resistance during operating	0.2Grms, IEC 60068-2-64, random, 5-500 Hz,1hr/ axis
Software Development Kit	Operating System	Windows 10 (64bit), 8.1 (64bit), 7 (64bit/ 32bit), Linux (by project)
	Signage Software	WISE-PaaS/RMM & WebAccess/IMM
Certification	Electromagnetic	CE, FCC Class B, CCC, BSMI
	Safety	UL, CB, CCC

All product specifications are subject to change without notice.

Last updated: 25-Jul-2017

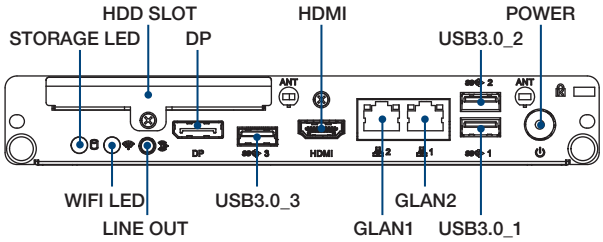
Dimensions

Unit: mm

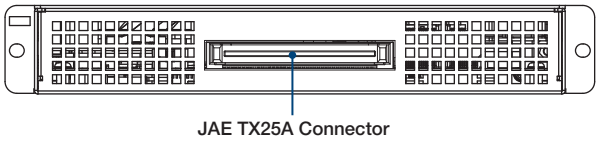


External I/O

Front



Back



Ordering Information

Part Number	Description
DS-280GB-U0A1E	OPS, i7-6822EQ, Barebone
DS-280GB-S9A1E	OPS, i5-6442EQ, Barebone
DS-280GB-S8A1E	OPS, i3-6102E, Barebone
DS-280GF-U0A1E	OPS, i7-6822EQ, 4+4GB DDR4, 500GB HDD
DS-280GF-S9A1E	OPS, i5-6442EQ, 4+4GB DDR4, 500GB HDD
DS-280GF-S8A1E	OPS, i3-6102E, 4+4GB DDR4, 500GB HDD

Packing List

Part Number	Description
-	1x DS-280
-	1 x Simplified Chinese User Manual
-	1 x Traditional Chinese User Manual
-	1 x China RoHS
-	1 x WebAccess/IMM & WISE-PaaS/RMM installation DVD

Optional Items

Part Number	Description
AMO-I013E	Docking board, JAE TX24A/DC-in Jack/HDMI/DP/USB
AMO-WIFI06E	Realtek/wifi 802.11bgn/miniPCIe, 1*cable, 1*antenna
AMO-HSDPA02E	U-blox/HSDPA 6band/miniPCIe, 2*cable, 2*antenna

Embedded OS

Part Number	Description
2070014944	img WES7E DS-280 64bit 1701 4MUI
2070014945	img WES7P DS-280 64bit 1701 10MUI
2070014943	img W8.1 IDTP DS-280 64bit V1.1 10MUI
2070014948	img W10 16HL DS-280 64bit 1609 Eng (for Core i7 Sku)
2070014949	img W10 16VL DS-280 64bit 1609 Eng (for Core i5/i3 Skus)

Tento produkt můžete zakoupit u společnosti AutoCont IPC a.s.

AutoCont IPC a.s.

Váš dodavatel průmyslových počítačů, komponent a speciálních průmyslových IT systémů.

Uhlířská 1064/3, 710 00 Ostrava, Česká republika

obchod@autocont-ipc.cz +420 552 301 002 www.autocont-ipc.cz

PRŮMYSLOVÉ POČÍTAČE
fanless embedded PC, do racku, ...

POČÍTAČE S DISPLEJEM
panelové PC, terminály, do vozidel, ...

AUTOMATIZACE A SBĚR DAT
převodníky, karty, moduly, switche, ...

PERIFERIE A KOMPONENTY
monitory, klávesnice, desky, skříně, ...

NOTEBOOKY A TABLETY
odolné, windows, android, IP65, ...

INFORMAČNÍ KIOSKY
interiérové, venkovní, ...

MEDICÍNSKÁ TECHNIKA
počítače, tablety, LCD, klávesnice, ...

SOFTWAROVÁ ŘEŠENÍ
pro výrobu, zaměstnance, kiosky, ...

PŘEJÍT DO E-SHOPU
eshop.autocont-ipc.cz

DOPRAVA ZDARMA
Doprava zdarma v ČR a SR při objednávce nad 10 000 Kč bez DPH nebo nad 400 EUR.

PRODLOUŽENÁ ZÁRUKA
Záruka 2 roky na vyráběné počítače s možností jejího prodloužení až na 5 let.

ODMĚNA ZA VĚRNOST
Pravidelní zákazníci u nás nakupují za nižší ceny. Výše slevy se odvíjí od realizovaného obratu.

SERVIS ON-SITE A IN-TIME
K projektovým dodávkám nabízíme rozšířenou podporu a servis s garancí výměny zařízení do 48 hodin.