

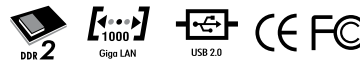
FES-6530

Flexible Embedded Controller With Intel® Core™ i7/i5/i3 Processor

Launched in Q1

Features

- Digital Signage
- Intel® 32nm Core™ i7/i5/i3 rPGA988 CPUs With Graphic & Memory Controller
- Fanless Design CPU TDP < 35W, Intel® Core™ i7-620M and i5-520M
- 204-Pin Dual-Channel DDR3 800/1066MHz SODIMM x 2, Up To 8 GB
- Intel® Gen 6.0 Integrated Graphics Engine Supports Multiple Displays By VGA, DVI, HDMI
- 10/100/1000Base-TX x 2 (Support Intel® AMT 6.0)
- VGA x 1, DVI x 4 (Onboard x 1, Extension x 3), HDMI x 1
- USB2.0 x 8, COM x 4, 8-Bit Digital I/O
- SATA 3.0Gb/s x 2, Support RAID 0 And 1
- DC Voltage Input : 12V DC Only



Specifications

CPU	Intel® Core™ i7/i5/i3	
Chipset	Intel® Core™ i7/i5/i3+ QM57	
System Memory	DDR3 SODIMM 800/1066 x 2, Max. 8GB	
Display Interface	VGA	D-SUB 15 x 1
	DVI	DVI-D x 4
	Others	HDMI x 1
Storage Device	SSD	CompactFlash™ x 1
	HDD	2.5" SATA HDD x 2
Network	LAN	10/100/1000Base-TX Ethernet x 2
	Wireless	Mini-PCIe module x 1 (optional)
Front I/O	USB Host	USB2.0 x 4
	LAN	—
	Serial Port	—
	DIO	8-bit Programmable
	Audio	—
	KB/MS	Keyboard/ Mouse x 1
Rear I/O	USB Host	USB2.0 x 4
	LAN	RJ-45 x 2
	Serial Port	RS-232 x 1 RS-232/422/485 x 1
	DIO	—
	Audio	Line-in, Line-out, Mic-in
	KB/MS	—
Expansion	PCIe	—
	PCI	—
	Mini Card	2
	Mini PCI	—
Indicator	Front	Power LED x 1, HDD LED x 1
	Rear	—
Power Requirement	AC/DC power adapter	
Power Consumption	70W	
System Cooling	Fanless	
Mounting	Desktop/Wallmount	
Operating temperature	32°F ~ 113°F (0°C ~ 45°C)	
Storage Temperature	-4°F ~ 140°F (-20°C ~ 60°C)	
Anti-Vibration	HD: 0.5 g rms/ 5-500 Hz/random operation	
Anti-Shock	15 G with 11 m/sec, operating	
MTBF	—	

Dimension

Unit: mm

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Certification	EMC	CE/FCC Class A
	Safety	—
Dimension (W x H x D)	—	
Gross Weight	—	
Note	Windows® XP, Windows® 7, Linux	

Packing List

- AC/DC Power Adapter
- Product CD
- FES-6530

Ordering Information

- **TF-FES-6530-DV-A10**

Flexible Embedded System, Intel® QM57 Chipset, VGA, 4 DVI, HDMI, 2 Gigabit Ethernet, 8 USB, Audio, 2 COM, DIO, Rev.A1.0

Optional Accessories

- TBD