

# Smart-Leaf

## Product Specifications

### Smart-Leaf Y-I-IT Series

#### Computer Type

<b>Form</b>	All-In-One
<b>Function</b>	Full computer functionality

#### Applications

<b>Multiple</b>	Kiosk, Public Computing, Workstation, Personal Computing
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#### Color

<b>Exterior</b>	Black Faceplate and Silver Body
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#### Processor Options

<b>Type</b>	Intel® Core™ i3-380M 2.53 GHz
<b>Type</b>	Intel® Core™ i5-540M 2.53 GHz w/ Turbo Boost
<b>Type</b>	Intel® Core™ i7-620M 2.66 GHz w/ Turbo Boost

#### Chipset

<b>Type</b>	Intel® QM57 Ibex Peak-M PCH (Platform Controller Hub)
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#### Memory

<b>Size</b>	4GB or 8GB (Max of 8GB)
<b>Type</b>	DDR3 SODIMM
<b>Speed</b>	1066MHz (PC3-6400/PC3-8500)

#### Hard Drive Storage

<b>Size</b>	250GB, 320GB, 500GB, or 1TB
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#### Operating System Options

<b>Type</b>	No Operating System
<b>Type</b>	Microsoft Windows ® 7 Embedded Standard
<b>Type</b>	Microsoft Windows ® 7 Home Premium
<b>Type</b>	Microsoft Windows ® 7 Professional

#### Monitor Options

<b>Type</b>	19 Inch LCD, Brightness Max: 300 Nits, Wide Format, 16x10 Ratio, 1440 x 900 WXGA+
<b>Type</b>	19 Inch LCD, Brightness Max: 800 Nits, Wide Format, 16x10 Ratio, 1440 x 900 WXGA+

#### Touch Screen Options

<b>Type</b>	No Touch
<b>Type</b>	Resistive Touch, 3mm Thickness, and Anti-Glare Coating
<b>Type</b>	Capacitive Touch, 3mm Thickness, Anti-Glare Coating, and Anti-Reflection Coating

#### Rear I/O Ports

<b>VGA</b>	x1 (DB-15)
<b>Audio Out</b>	x1
<b>Audio Input</b>	x1
<b>Mic Input</b>	x1
<b>Keyboard</b>	PS/2 (Mini-DIN-6)
<b>Mouse</b>	PS/2 (Mini-DIN-6)
<b>Serial</b>	x2 (DB-9)
<b>DVI-I</b>	x1 (DVI-D signal only)

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<b>USB</b>	x4 (2.0/1.1)
<b>LAN</b>	x2 (RJ45, Gigabit – Intel 82577LM with iAMT6.0 Gigabit LAN Phy, Realtek RTL8111C PCI Express Gigabit controllers, Integrated 10/100/1000 transceiver, Fully compliant with IEEE 802.3u, IEEE 802.3ab, Supports wire management)
<b>Power Button</b>	x1 Rear-mounted power button (excluded if side panel is ordered)

#### Side I/O Ports (Optional)

<b>USB</b>	x2 (2.0/1.1)
<b>Power Button</b>	x1 Side-mounted power button

#### Expansion Slots

<b>PCI Express</b>	x1
<b>PCI</b>	x1

#### Graphics

<b>Engine</b>	Intel® Gen5.75 integrated graphics engine
<b>Ports</b>	DVI-I (CH7318), LVDS and VGA
<b>Technology</b>	Intel® Clear Video Technology, Intel® Dynamic Video Memory Technology (Intel® DVMT), Intel® Smart 2D Display Technology (Intel® S2DDT)

#### Audio

<b>Technology</b>	Realtek ALC262 2-channel High Definition Audio; High performance DACs with 100dB SNR; ADCs with 90dB SNR; Two stereo DACs support 24-bit PCM format for stereo audio playback; Three stereo ADCs support 20-bit PCM format for multiple input streaming; S/PDIF input/output interface
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#### Serial

<b>Type</b>	x4 Serial ATA
<b>Technology</b>	Data transfer rate up to 3Gb/s; integrated Advanced Host Controller Interface

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(AHCI) controller; Supports RAID 0 and RAID 1

#### IDE

<b>Type</b>	JMicron JMB368 PCI Express to PATA host controller
<b>DMA Mode</b>	Ultra ATA up to 100MB/s
<b>PIO Mode</b>	Up to 16MB/s

#### AMT

<b>Technology</b>	Supports iAMT6.0; Out-of-band system access; Remote troubleshooting and recovery; Hardware-based agent presence checking; Proactive alerting; Remote hardware and software asset tracking
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#### Internal I/O Connectors

<b>USB</b>	x4 (2.0/1.1)
<b>Serial</b>	x4 Serial ATA
<b>LVDS LCD</b>	x1 (occupied)
<b>LCD/Inverter</b>	x1 (occupied)
<b>Digital I/O</b>	x1
<b>Front Audio</b>	x1 for line-out and mic-in jacks
<b>CD-in</b>	x1 internal audio
<b>S/PDIF</b>	x1
<b>IDE</b>	x1 44-pin
<b>ATX</b>	x1 24-pin ATX power (occupied)
<b>Front Panel</b>	x1
<b>Fan</b>	X2 (1 occupied)

#### BIOS

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<b>Type</b>	AMI BIOS
<b>Technology</b>	64Mbit SPI BIOS

#### Energy Efficient Design

<b>Technology</b>	Supports ACPI specification and OS Directed Power Management; Supports ACPI STR (Suspend to RAM) function; Wake-On-Events include: (a) Wake-on-PS/2 KB/Mouse and Wake-On-USB KB/Mouse, (b) Wake-On-LAN and Wake-On-Ring, and (c) RTC timer to power-on the system; System power management supported; CPU stopped clock control; Microsoft®/Intel® APM 1.2 compliant; Soft Power supported – ACPI v2.0 specification; AC power failure recovery
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#### Damage Free Intelligence

<b>Technology</b>	Monitors CPU/System temperature and overheat alarm; Monitors Vcore5V/1.05V/12V/3.3V/3.3VSB/VBAT voltages and failure system; Monitors CPU/chassis/1 <sup>st</sup> fan fan speed and failure alarm; Read back capability that displays temperature, voltage and fan speed; Watchdog timer function
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#### Wireless Networking (Optional)

<b>Wireless LAN</b>	IEEE 802.11N b/g/n
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#### Optical Drive (Optional)

<b>Type</b>	DVD Trayless Slot-Loading
<b>Performance</b>	8x DVD±RW, 4x DVD±RW DL (Double Layer)

#### Webcam (Optional)

<b>Type</b>	x1 (2MP w/ Shooting Angle Adjuster (Sensor Array: CMOS Sensor 2.0M Pixels; Image Area: 3.56mm x 2.68mm; Pixel Size: 2.2µm x 2.2µm; Optical Format: ¼"; Sensitivity: 0.53V/Lux-sec; Output: 10-bit Digital raw RGB Data; S/N Ratio: 37.7dB; Communication Interface: USB; Image Resolution: 600x1200; 1280x1024; 800x600; 640x480; 352x288; 320x240; 176x144; 160x120; Frame Rate: 2M@6fps; 1.3M@10fps; VGA@30fps; QVGA@30fps,max))
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#### TV (Optional)

<b>TV Tuner</b>	x1 ATSC HDTV, Cable HDTV (QAM), Electronic Program Guide (EPG), Digital Video Recording (DVR), Time-Shifting, Constellation: QPSK, 16QAM, 64QAM, Input: RF Antenna Connector, Receiving Frequency: TV/174 ~ 858 MHz, Bandwidth: 6/7/8 MHz Auto Select, Stream Capture: PES & TS, Video Format: MPEG-II Main Profile & Main Level, Audio Format: MPEG-II Audio Layer I & II, Max No. Section filtering: 32PIDs, Punctured Codes: 1/2, 2/3, 3/4, 4/5, 5/6 and 7/8, 2K or 8K FFT Size
<b>IrDA</b>	x1 IrDA sensor
<b>Remote</b>	x1 Slim remote control, 28 button

#### Speakers (Optional)

<b>Type</b>	Internal
<b>Technology</b>	x2 Premium Speaker w/ Max Power Output 3.5W, Rated Power Input 2.5W

#### Power Supply

<b>Type</b>	External Transformer Brick
<b>Technology</b>	Input: 100-240V, 50/60 Hz; Output: 12V-10A DC, 120W

#### Mechanical

<b>Keyboard</b>	Fold-Out, Vandal-Resistant, 64-Key, Stainless Steel Keyboard w/ IP65 Water-Sealing, Touchpad, Right/Left Mouse Buttons, and Overforce Protection
<b>Keyboard Overforce Protection</b>	Dropdown load of approximately 25 lbs (11.33 kg)
<b>Cooling</b>	Two case fans; one processor fan
<b>Desktop Stand</b>	Not Included
<b>Desktop</b>	Not Included

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#### Stand Arms

#### Mountability

<b>VESA</b>	100mm x 100mm; 200mm x 100mm
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#### Product Dimensions

<b>Width</b>	21.25 inches (approx. 54 cm)
<b>Height</b>	22.75 inches (approx. 57.8 cm)
<b>Depth</b>	3.5 inches (approx. 8.9 cm)
<b>Weight</b>	29 lbs (approx. 13 kg)

#### Package Dimensions

<b>Width</b>	26 inches (approx. 66 cm)
<b>Height</b>	30.5 inches (approx. 77.5 cm)
<b>Depth</b>	8.5 inches (approx. 21.6 cm)
<b>Weight</b>	Packaged Smart-Leaf: 30 lbs (approx. 13.6 kg)