

Technical Specifications

PERFORMANCE	
Chipset	Intel 9465GSE + ICH7M
Video	Integrated in system chipset
Video RAM	8 MB - 128 MB (system RAM)
Type/Processor	Intel ATOM N270
Core Speed	1.6 GHz
Front Side Bus	533 MHz
L2 Cache	512 K
Ethernet Controller	Realtek

DISPLAY	ePC15T Lite
Display Diagonal	15.0" (381.0mm)
Display Sizes (Active Area H x V)	11.97" x 8.98" (304.0mm x 228.1mm)
Native Resolution	XGA, 1024 x 768
Displayable Colors	16M
Brightness, Typical	250 Nit
Contrast Ratio, Typical	700:1
Horizon/Vertical View Angle, CR>5, Typical	170°/160°
Backlight Life, Typical	50,000 hrs

TOUCHSCREEN (all models)	
Touch Screen Technology	5-wire Analog Resistive
Resolution	4096 x 4096
Positional Accuracy (Maximum Error)	0.18" 4.57mm
Positional Accuracy (Standard Deviation of Error)	< 0.08" (< 2.0 mm)
Expected Life	>35,000,000 Activations

ENVIRONMENTAL		
	Operating	Non-operating
Temp.	0°C to 50°C	-20°C to 60°C
Humidity	20% to 80% RH, noncondensing	
Shock 3	15g peak acceleration, 11msec	30g peak acceleration, 11msec
Vibration 3 (5-2000 Hz)	0.006" peak to peak displacement, 1.0g max acceleration	0.015" peak to peak displacement, 2.5g max acceleration
Altitude 4	Sea level to 10,000 feet	Sea level to 40,000 feet

3 Shock & Vibration specifications established with Solid State drives and no rotating media.

4 Altitude specification is established by using all internal component specifications.

MEMORY	
DRAM Type	200-pin DDR2 SO-DIMM, non-ECC, un-buffered
DRAM Bus Speed	533 MHz
DRAM Maximum	2 GB Single Module
Solid State Drive	Intel 40 GB (internal)
Drive Interface	2.5", SATA II

ELECTRICAL	
DC Input Voltage	12 VDC
DC Input Current	3.75 A Max
AC Power Supply	100-240 VAC, 47-63 Hz
AC Input Current	1.1 A Maximum
Input Power	30 W Typical 2
1 Output of included Ac power supply. Can also be powered by other Listed ITE power supply or Class 2 Power sources.	
2 Typical Power is measured without any additional I/O or expansion options. Any additional I/O installed during application can increase this value.	

AGENCY	
Front Panel NEMA Rating	NEMA 4/4X/12
FCC	47 CFR, Part 15, Class A
EU CE Marking Compliance	CE, EN 55022: Class A, EN 61000-3-3, EN 61000-6-2, IEC 60950-1, RoHS compliant
Safety Agency Approvals	UL508 Listed, cUL Listed CSA 22.2, #142

MISCELLANEOUS	
Warranty	2 years
Available option	No logo front panel
Ships With	External Power Supply with standard US IEC Power Cord, Mounting Hardware, Drivers, & Manual