

Specifications of DOEL Basic Model-0703E

DOEL


Minimum Specifications		Basic Model-0703E
Display Panel (AUO, Samsung, LG or equivalent)		10.1" (1024*600) WSVGA LED Backlight Features - Glare less, Zero Bright Dot/Defective Pixel LVDS interface, A+ grade
Processor		Intel® ATOM N2600 (1M Cache, 1.6 GHz) or higher
Main Chipset		Intel NM10 Express Chipset
Memory RAM Samsung/NANYA/Kingston/Transcend or equivalent)		2 GB DDR3
Graphics		Intel® GMA 3150 (Integrated) or Higher
Storage HDD (Seagate/ WD/ Hitachi)		Capacity - 320 GB/ 500 GB Spin Speed (RPM) - 5400 Drive Size and Type - 2.5 Inch. , SATA Interface - SATA 3Gb/s
Multimedia	Audio	High Definition Audio 2.0 or higher
	Speaker	Stereo Speaker (Minimum 2 W)
	Web Camera	Integrated 1.3 mega pixels
Communication	Wired Ethernet LAN	10/100M Ethernet Access
	Wi-Fi Hotspot	802.11 b/g/n
	Bluetooth	Version 3.0 + HS
Input-Output Ports	USB	2×USB 2.0 chargeable
	Multi Card Slot	3 in 1 or more
	VGA	1×VGA (15 Pins)
	Mic In, Internal Mic, Headphone Out	1×Mic input 1×Audio output
	RJ45 LAN	Yes

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Input	Keyboard	High quality quiet keyboard with 82 keys printed in two languages (English & National Keyboard of Bangladesh)
	Touch pad	High Sensitive, Scroll Scope
BIOS	Phoenix, AMIE or equivalent	Support PnP, APM 1.2 & ACPI 3.0 Support External USB flash memory card boot up DOEL and TSS Logo Screen
Physical Outline		Dimension (Approx.): 255mmx185mm x 33.6 mm (10.1") Weight(Approx.) : 1.2 Kg with 6 cell battery (Max.)
Power	Standard Battery	6-cell Li-ion 4400 mAH or more, A-class
Power Cord		Type G British 3-pin Electrical Adapter Plug, Delta Power or equivalent
Power Adapter		Input:100-240V, 50-60Hz ,Output: 19-19.5V,3.0-4.5 A, 50W (minimum), Delta Power or equivalent
Other	Color	At least 2 (two) different colors without black
Operating System		Windows 7 / Linux compatible
Free DOS		Yes
Driver CD		Yes

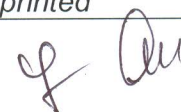
Accessories & Spares

Description	Minimum Specifications
LCD Display (AUO, Samsung, LG or equivalent)	14" (1366*768) WXGA LED Backlight Features - Glare less, Zero Bright Dot./ Defective Pixel LVDS interface, A+ grade, Interface type 30 pin
HDD (Seagate, WD, Hitachi)	Capacity - 320 GB Spin Speed (RPM) – 5400 Drive Size and Type - 2.5 Inch., SATA Interface - SATA 3Gb/s
RAM (Samsung/NANYA/Kingston/Transcend or equivalent)	2 GB DDR3, 1333 MHz
Battery (Li-ion, A Class)	a) Basic (6 cell, 4400 mAH or more) As per sample b) Standard (6 cell, 4400 mAH or more) As per sample c) Advanced (6 cell, 4400 mAH or more) As per sample
USB Flash Drive (Pen Drive): a) 8 GB b) 16 GB	High speed USB 2.0, Compatible with Windows7, Mac OS 9.0 & Linux Kernel 24.2 or later. Read/Write 15/3 Mb/s or more. Batch Number/Part Number Printed/Laser Engraved on each flash Drive, DOEL logo embossed or printed
USB Optical Mouse	Min. 1,000 DPI with Scroll Scope, Standard Size, DOEL logo embossed or printed

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Carrying Bag	Made of waterproof nylon with good quality zippers, anti-slip flap, minimum two compartments and 1 (one) side pocket, smaller pockets inside the side pocket. DOEL logo embroidered or embossed.
Hot Mock-Up Station	As per Terms and Conditions (12)

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B. Terms and Conditions:

The following terms and conditions will be applicable for goods and services to be procured through this tender:

1. The Bidder must supply 1 (one) piece of its own brand netbook with the specifications of DOEL Basic 0703E or better, but without DOEL logos on the covers, Bengali Keyboard and DOEL logo in the Bios Flash. This sample will be evaluated by the TEC and it will be considered as the lowest benchmark for the supply if the Bidder is awarded the contract.
2. All supplied parts and components must pass Heat and Humidity tests, BurnIn tests (for example, run 3D Mark, stretch test), Battery test, HIPOT test, Vibration and Drop tests, Noise tests (below 40db with environmental noise below 20db) and other relevant tests as per international standards. The Bidder will name the tests it performs and the standards it maintains in the tests for the parts and components it supplies to its overseas customers and will submit in the tender document copies of such test results.
3. The Supplier will provide Jigs/Fixtures (if any) necessary for assembling the laptops. These Jigs/Fixtures must be shipped in the 1st shipment. The prices for these Jigs/Fixtures will be deemed to have been included in the total quoted price.
4. Major Components shall have relevant international certifications like CE, CE EMC, RoHS and others, and copies of these must be submitted with the Tender. Manufacturer's certificates for Batteries and LCD Panels stating that those are of "A grade" and "A+ grade" respectively need to be provided along with the shipments.
5. For supply of replacement batteries to fit respective DOEL barebone, the Supplier will be provided with a sample. For bidding purpose, each Bidder may take one piece of sample to be returned later.
6. Keyboard Layout, Bios Picture, A, B, C & D Cover printing must conform to the sample designs given in Section 8: Drawings. The final designs must be approved by TSS before production.
7. All components must be brand new and not refurbished/repared ones. All plastic materials must be of original color or film coated, not painted.
8. Environmental conditions:

The goods to be supplied under this Tender must be suitable for working in Bangladesh environmental conditions:

Ambient Temperature : 5 °- 45°C

Relative Humidity : 20% - 98%

Commercial power supply: 170 – 245 VAC (single phase)

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