



DOST STARBOOKS: The First Philippine Science Digital Library

What is STARBOOKS?

STARBOOKS or the **Science & Technology Academic and Research-Based Openly-Operated Kiosks** intends to serve as information access portals in key areas in the Philippines. People in the community can have digital access to the scientific information physically available at the Science and Technology Information Institute, the DOST Science and Technology Information Network of the Philippines (SciNet), Philippine eLib project sources, freely-available online resources, and subscribed databases.

STARBOOKS contains hundreds of thousands of **digitized science and technology resources** in various **formats (text and video/audio)** placed in **special design “pods”** set in a user-friendly interface. Its special features are:

- It is a **standalone Information kiosk**, hence, information access is possible even without internet connection;
- **Information** available is on **read-only** which can be printed out but not downloaded;
- It is a compendium of S&T information gathered from all over the world --- **a one stop S&T information source**; and
- It features videos dubbed **“Tamang DOSTkarte Livelihood Videos”** to stimulate every Filipino’s entrepreneurial capacity;

Purpose of STARBOOKS:

1. To create interest in the field of Science and Technology which may increase the number of Filipinos enrolling in S&T courses;
2. To encourage great and curious minds to develop new ideas---inventions and innovations; and
3. To inspire one’s capacity for entrepreneurship and research for socio-economic development.

Who should avail of STARBOOKS?

- Local Government Units (LGUs)
- Non-Government Organizations (NGOs)
- Educational Institutions
- Private Corporations

How to avail of STARBOOKS?

STII welcomes stakeholders who would like to set up the STARBOOKS in their area. To avail of the STARBOOKS, the following are the minimum requirements:

1. 2 computer units (1 server, 1 terminal)
2. 1 POD

3. A space measuring 3m x 4m (with specifications for physical set up of the Kiosk);
Tarpaulin
4. Mandatory 1-2 days training
5. Focal person

Steps on how to avail the STARBOOKS

1. Make a formal request (Letter addressed to the STII Director)
2. Initial survey of site by STII staff (team of 2 people, 1 IT and 1 Librarian)
3. Purchase of Equipments
4. MoU signing (may or may not be a formal MoU signing activity)
5. Installation of kiosks
6. Training of focal persons (SILMS, STARBOOKS, DIGITIZATION)
 - o Updates will be done on quarterly basis
 - o Monitoring done periodically.

Expenses (Borne by the Stakeholders)

- A. Site Inspection / Meeting with Stakeholder
 - Transportation expenses
 - Accommodation
 - Meals
 - Incidental expenses
 - B. MoU Signing (maximum of 10 pax if formal signing ceremony will be done otherwise, signing is done in Manila)
 - C. Equipment
 - Basic package (1 server; 1 terminal)
 - Computer set (server)
 - Computer set (terminal)
 - Pod w/ sticker
 - Network hub and cables
 - 1 Tarpaulin standee
 - 1 Tarpaulin for standee (3 x 6)
 - 1 Tarpaulin for mural wall (depends on wall size)
- * Stakeholders may purchase their own computer equipment and other materials provided they follow the specifications set by DOST-STII.
- * Shipping/Transfer of Pods/Equipment from Manila to site will be at the expense of Stakeholder.

STARBOOKS Server

Compaq Presario CQ3579L Desktop PC Product Specifications

Monitor: Compaq W185Q
18.5" LCD Monitor w/ Speakers

Motherboard MS-7613 (Inverness)

- Manufacturer: MSI
- Form factor: Micro-ATX - 24.4 cm (9.6 inches) x 24.4 cm (9.6 inches)
- Chipset: Intel H57 Express chipset



Memory: 2 GB

- Amount: 2 GB
- Speed: PC3-10600 MB/sec
- Type: DDR3-1333

Unit cost:	Php 30,000.00
STARBOOKS POD:	Php 9,998.75
STARBOOKS STICKER:	Php 968.00
Total Cost:	Php 40,966.75

Video graphics: Intel Graphics Media Accelerator HD

Sound/Audio: Integrated Realtek ALC662 Audio

Networking LAN: 10-Base-T

Hard drive: 2TB

Keyboard/ Mouse: USB KB & Mouse

Power Supply: 650W

Casing: Mini-tower

Note: The unit above is considered high end. It can be downgraded depending on the stakeholder's budget.

Option 1 - ALL-IN-ONE PC

STARBOOKS Terminals

**HP Omni 100-6112L Pentium E6700 up to 3.2Ghz,
DOS All In One Desktop PC
Motherboard: IPP41-HU (Iamar)**

- Manufacturer: Pegatron
- Form factor: Custom 17.12 cm (6.47 in) x 24.09 cm (9.48 in)
- Chipset: Intel G41 Express
- Memory sockets: 2 x DDR3
- Front side bus speeds: 1333 MHz
- Processor socket: LGA 775

Processor: Intel Pentium E6700 3.2Ghz

Memory: 2 GB DDR3

Hard drive: 1TB

Video graphics: Integrated Intel Graphics Media Accelerator X4500 256mb shared memory



UNIT COST:	Php 30,000.00
STARBOOKS POD:	Php 9,998.75
STARBOOKS STICKER:	Php 968.00
TOTAL COST:	Php 40,966.75

Option 2 – Standard PC

STARBOOKS Server

**Compaq Presario CQ3579L Desktop PC
Product Specifications**

**Monitor: Compaq W185Q
18.5" LCD Monitor w/ Speakers**

**Motherboard MS-7613 (Inverness)
Manufacturer: MSI**

- Form factor: Micro-ATX - 24.4 cm (9.6 inches) x 24.4 cm (9.6 inches)
- Chipset: Intel H57 Express chipset

Memory: 2 GB

- Amount: 2 GB
- Speed: PC3-10600 MB/sec
- Type: DDR3-1333



Unit cost:	Php 24,000.00
STARBOOKS POD:	Php 9,998.75
STARBOOKS STICKER:	Php 968.00
Total Cost:	Php 35,966.75

Video graphics: Intel Graphics Media Accelerator HD

Sound/Audio: Integrated Realtek ALC662 Audio

Networking LAN: 10-Base-T

Hard drive: 500GB

Keyboard/ Mouse: USB KB & Mouse

Power Supply: 650W

Casing: Mini-tower