

A touch of perfection.

LOW PROFILE MODULAR TOUCHCOMPUTER

BeFREE



Features:

- » Low profile - no barrier between operator and customer
- » Modular - expandable with keyboard, MCR, user ID...
- » Design in line with other TIPRO products
- » Various versions for quiet environment, standard application or powered connectivity
- » Adaptable to your needs (color, logo and much more)
- » Long product life cycle
- » Slide in easy exchangeable computer part
- » Hidden cabling with secure connections
- » Warranty period 2 years

Application:

- » Point-of-sale (fashion stores, pharmacies, ...)
- » Hospitality (hotel reception, restaurants, bars, ...)
- » Point of information



[TIPRO®]
www.tipro.net

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Technical specification

Processors:

- » Intel® Celeron M 1.0 GHz 0MB L2 cache
- » Intel® Celeron M 1.5 GHz 1MB L2 cache
- » Intel® Core2Duo, 1.83 GHz, 2MB cache (T5600)

General:

- » Dual independent display support
- » Optional TIPRO Power Bus (supply power to Speakerbox and Chameleon modules, if connected)
- » Optional Audio board (line-in, line-out, microphone)
- » Integrated TIPRO controller
- » Possible connection of all FREE/FREE+ modules through left/right TIPRO bus or external TIPRO bus

Connectivity:

- » Standard and Fanless: 12V output, Tipro External Bus, 2 x Com (1 can be powered), 4 x USB, LAN, PS/2, VGA
- » Powered: 12 V output, 24 V output, Cashdrawer (24V), Tipro External Bus, 4 x Com (3 can be powered), 2 x USB, 1 x USB powered 24V, 1 x USB powered 12V, 2 x LAN, PS/2, VGA

Harddisk:

- » EIDE on Celeron based BeFREE
- » SATA on Core2Duo based BeFREE
- » 2,5" form factor, capacity: 40 (Fanless), 80 GB (EIDE), 160 GB (SATA)
- » Optional 2nd hard disk on Core2Duo BeFREE, RAID supported

TFT LCD properties:

- » Brightness: 400 cd/m²
- » Viewing angle: (upper/lower/left/right) 50/60/70/70°
- » Display colours: 16,777,216 (24 bits)
- » Backlight lifetime: 50,000 hours

Touch panel properties

- » Accuracy: ±2.03mm
- » Response time: <10ms
- » Resolution: 4096x4096 touchpoints
- » Light transmission: 80±5% (by 550 nm)
- » Lifetime: 35x10⁶ touches on one spot

Dimensions:

- » Dimensions (including side covers): 409 x 328 x 109 mm (Standard 1.0, Standard 1.5), 409 x 343 x 143 mm (Fanless), 409 x 343 x 109 mm (Powered Celeron M, Core2Duo)
- » Packaging dimensions: 480 x 410 x 260 mm (Fanless), 800 x 400 x 180 mm (all other versions)
- » Package weight: 8.0 kg (Standard 1.0), 8.5 kg (Fanless, Standard 1.5), 9.2 kg (Powered Celeron M, Core2Duo)

Version	Processor/memory	TIPRO controller
BF15-1.0/2-C1 Standard version 1.0	Celeron M 1.0 GHz/512 MB	general purpose, all-round connectivity
BF15-1.5/3-C1 Standard version 1.5	Celeron M 1.5 GHz/1 GB	general purpose, all-round connectivity, faster processor, more memory
BF15-1.0/2-D1 Fanless version	Celeron M 1.0 GHz/512 MB	quiet, with special harddisk resistant to high temperature
BF15-1.5/3-A1 Powered version	Celeron M 1.5 GHz/1 GB	power for connected peripherals
BF15-1.8/4-A1 Powered version	Core2Duo 1.8 GHz/1 GB	power for connected peripherals, fast processing capability, RAID possible

For more details see full Technical Overview at www.tipro.net/dl/BeFREE_T0.pdf



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