



Watch office productivity soar.

**e**STUDIO™190F



19



Workgroup



Black & White

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# e-STUDIO™ 190F

## Multifunction Fax

The Toshiba e-STUDIO190F is a versatile multifunction facsimile system designed for medium to large workgroups. Fax, print, and scan—scanning at the ultra-fast speed of just 0.7 seconds and printing at the rate of 19 pages per minute. Offering speed, versatility and reliability, this multifunction facsimile system truly has it all.



**19**  
PAGES PER MINUTE

Fast 19 pages per minute with Super G3 33.6 Kbps.



Multifunction fax, print and scan.



100-sheet document feeder with .7 second scan and scan-to-email.

## SPECIFICATIONS

### General Specifications

Type	Desktop
Power Requirement	AC 120V, 50/60 Hz
Power Consumption	Max: Approximately 1000 W Power saver mode: 12 W Sleep mode: 7 W
Dimensions (W x D x H)*1	17.7" x 16.5" x 17.6" (450 x 418 x 448mm) (Excluding Optional Equipment)
Weight*1	Approx. 48.5 lb (Approx. 22 kg) (Excluding Optional Equipment)

### Fax Specifications

Compatibility	ITU-T Group 3, ECM
Modem Speed	33.6 Kbps - 2.4 Kbps with Automatic Fallback
Coding Scheme	MH/MR/MMR/JBIG
Transmission Speed*2	Approximately 2.7 Seconds/Page (Letter)
Number of Memory Job Files	50
Document Size	<b>Max:</b> 8.5" x 78.7" (216mm x 2000mm <sup>3</sup> ) <b>Min:</b> 5.8" x 5" (140mm x 140mm)
Effective Scanning Width	8.34" (212mm)
Automatic Document Feeder	100 Pages (20 lb, 75 g/m <sup>3</sup> )
Scanning Speed*4	Approximately 0.7 Seconds/Page (Letter, 203 dpi x 98 lpi)
Scanning Resolution	<b>Standard:</b> 203 dots/inch x 98 lines/inch (8 dots/mm x 3.85 lines/mm) <b>Fine:</b> 203 dots/inch x 196 lines/inch (16 dots/mm x 15.4 lines/mm) <b>Super Fine:</b> 406 dots/inch x 391 lines/inch (16 dots/mm x 15.4 lines/mm) <b>600 dpi:</b> 600 dots/inch x 600 dots/inch
Recording Method	Monochrome Laser Printing on Plain Paper
Recording Paper Size	Letter/Legal
Effective Recording Width	8.15" (207mm)
Paper Feed	<b>Standard Tray:</b> 250 Sheets plus Single Sheet Bypass Maximum 800 Sheets with Optional Paper Tray
Image Memory Capacity*5	<b>Standard:</b> 12 MB (720 Pages) <b>Maximum:</b> 512 MB (12,750 Pages) with Optional SD Memory Card
Number of Auto Dialers	<b>Standard:</b> 280 <b>Max:</b> 1,000 with Optional SD Memory Card (32 MB to 512 MB)

### Printer Specifications

Network Printer Interface	Ethernet 10BaseT/100BaseT
Local Printer Interface	USB 1.1
Printing Speed*6	Up to 19 PPM
Paper Size	Letter/Legal/Invoice*7/Envelope (#9, #10)*7
Printing Resolution	1200 dpi equivalent*8 x 600 dpi
Printer Memory	32 MB
Printer Language	<b>Standard:</b> Printing System for Windows® (GDI) <b>Option:</b> PCL5e, PCL6
Compatible Operating System	Windows® XP, 2000, Server 2003, 98, Me, Windows NT® 4.0

### Network Scanner Specifications

Network Scanner Interface	Ethernet 10BaseT/100BaseT
Scanning Resolution	600 x 600 dpi, 300 x 300 dpi, 150 x 150 dpi
Network Scanning Speed*4	Approximately 1.1 Seconds (Letter, 150 x 150 dpi)
Data Format	TIFF, PDF

### Scan-to-Email / Internet Fax Specifications

Compatibility	IETF RFC 2305, ITU-T T.37
Communication Protocol	TCP/IP, SMTP, POP3, MIME, DHCP LDAP, SNMP/MB
Network Connectivity	Ethernet 10BaseT/100BaseT
Data Format*9	TIFF-FX (Profile S/F/J), PDF

#### Notes

- \*1 Dimensions and weight are approximate.
- \*2 Transmission time applies to memory transmission of text data using only ITU-T Image No.1 between the same models at maximum modem speed. Transmission time may vary in actual usage. Usually public telephone lines can only support communication speeds of 28.8 Kbps or lower. Via PBX, transmission speed may fall back to a lower speed.
- \*3 Standard/Fine mode
- \*4 Scanning speed applies to the feeding process from the top to the end of a single page test chart. The time for the feeding process does not include the time that it takes for the top edge of the page to reach the scanning point and page ejection. Time for entire storing process is not applied.
- \*5 Based on ITU-T Image No.1 scanned in Standard mode.
- \*6 Speeds are contingent upon applications, machine configuration, and status. Individual speeds may vary.
- \*7 Bypass only
- \*8 With optional Printer Controller Module
- \*9 Internet Fax only supports TIFF-FX format.

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